

SAVANNAH STATE UNIVERSITY

A Senior Unit of The University System of Georgia



1998 – 2000

SPECIAL NOTICE

The statements set forth in this catalog are for information purposes only and should not be construed as the basis of a contract between students and this institution.

While the provisions of this catalog will generally be applied as stated, Savannah State University reserves the right to change any provision listed in this Catalog, including but not limited to academic requirements for graduation, without actual notice to individual students. Every effort will be made to keep students advised of any such changes. Information on changes will be available in the Offices of the Registrar, the Vice President for Academic Affairs, and the offices of the Affairs, and the offices of the academic deans. It is especially important that students note that it is their responsibility to remain apprised of current graduation requirements for their particular degree programs.

Savannah State University, an affirmative action/equal opportunity education institution, does not discriminate on the basis of sex, race, age, religion, handicap, or national origin in employment, admissions, or activities.

SAVANNAH STATE UNIVERSITY

A SENIOR, RESIDENTIAL UNIT OF THE UNIVERSITY SYSTEM OF GEORGIA

GENERAL CATALOG 1998-2000

Savannah, Georgia 31404

Civil Rights Compliance

ACCREDITATION

Savannah State University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award the associate and baccalaureate degrees and is a candidate for accreditation to award the master's degree.

Savannah State University has also earned the following specialized accreditations:

Civil Engineering Technology — by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

Electronics Engineering Technology — by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology and by the National Association of Radio and Telecommunications Engineers, Inc. (NARTE)

Mechanical Engineering Technology — by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

Computer Engineering Technology — by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology

Social Work — by the Council on Social Work Education

SAVANNAH STATE UNIVERSITY

ACADEMIC CALENDAR

1998-99

FALL SEMESTER, 1998

August

11	Tuesday	Placement tests for Fall, 1999 admits (Reserved for students traveling 250 or more miles)
12	Wednesday	Residence halls open for new transfer students - 8:00 a.m. New student orientation - 8:00 a.m. Dining hall opens for new and transfer students at 12:00 noon
17	Monday	Advisement and registration for new freshmen and new transfer students 8:30 a.m. - 5:00 p.m. Residence halls and dining hall open for returning and readmitted students - 8:00 a.m.
18-19	Tuesday - Wednesday	Advisement and registration - 8:30 a.m. - 7:00 p.m. Graduate registration - 4:00 p.m. - 7:00 p.m., Howard Jordan Building
19	Wednesday	CLEP exams
20	Thursday	First day of classes - late registration - drop/add (with signatures)
21	Friday	Late registration - drop/add (with signatures)
27	Thursday	Last day to add a course

September

7	Monday	Holiday - Labor Day
9	Wednesday	President's assembly with students - 1:00 p.m. & 6:00 p.m.
16	Wednesday	CLEP exams
18	Friday	Placement tests for Spring/Fall, 1999 admits

October

7	Wednesday	Student "Academic Crosstalk" Faculty Lecture Series
13	Tuesday	Midsemester
14	Wednesday	Last day to withdraw without automatic academic penalty (unless previously assigned an "F" by professor for absences) President's assembly with students - 1:00 p.m. & 6:00 p.m.
19-23	Monday - Friday	Advisement and advance registration - 8:30 a.m. - 7:00 p.m. Graduate advance registration - 9:00 a.m. - 7:00 p.m.
21	Wednesday	CLEP exams
23	Friday	Placement tests for Spring/Fall, 1999 admits
30	Friday	Reading day
31	Saturday	Fall Open Campus Day

November

7	Saturday	Regents' Test
9-10	Monday-Tuesday	Regents' Test
11	Wednesday	President's assembly with students 1:00 p.m. & 6:00 p.m.
13	Friday	Founder's Day (All-university assembly)
14	Saturday	HOMECOMING
16	Monday	Spring Semester application deadline
18	Wednesday	CLEP exams
20	Friday	ISAT for SSU Spring, 1999 admits only
25	Wednesday	THANKSGIVING HOLIDAY (Students Only)
26-27	Thursday - Friday	THANKSGIVING HOLIDAY (Students, faculty, and staff)

December

3-4	Thursday - Friday	Placement tests for Spring/Fall, 1999 admits
7	Monday	Senior grades due
9	Wednesday	Classes end
10-11	Thursday - Friday	Final exams
14-15	Monday - Tuesday	Final exams
12	Saturday	COMMENCEMENT
14	Monday	Application deadline for students who are graduating Spring Semester, 1999
15	Tuesday	Dining hall closes - 1:00 p.m.
16	Wednesday	Residence halls close - 1:00 p.m.
17	Thursday	FINAL grades due - 2:00 p.m.
21	Monday	University closes for Christmas holidays

SPRING SEMESTER, 1999

January

6	Wednesday	Residence halls open for all students - 8:00 a.m. Dining hall opens - 12:00 noon Placement tests for Spring, 1999 admits only
7	Thursday	Advisement and registration - 8:30 a.m. - 7:00 p.m. New student orientation - 8:00 a.m. Graduate registration - 4:00 p.m. - 7:00 p.m., Howard Jordan Building
8	Friday	Advisement and registration - 8:30 a.m. - 5:00 p.m.
11	Monday	First day of classes
11-12	Monday - Tuesday	Late registration Drop/add (with signatures)
15	Friday	Martin Luther King, Jr. Assembly 10:00 a.m. (All-university assembly)
18	Monday	Holiday - MARTIN LUTHER KING, JR. Observance Day
19	Tuesday	Last day to add a course
20	Wednesday	President's assembly with students - 1:00 p.m. & 6:00 p.m. CLEP exams
22	Friday	Placement tests for Fall, 1999 admits
29	Friday	Final for spring semester class schedule corrections (CIR) due to registrar

February

10	Wednesday	President's assembly with students 1:00 p.m. & 6:00 p.m.
17	Wednesday	CLEP exams
18-19	Thursday - Friday	Placement tests for Fall, 1999 admits
24	Wednesday	University faculty meeting

March

3	Wednesday	President's assembly with students 1:00 p.m. & 6:00 p.m.
4	Thursday	Midsemester
5	Friday	Last day to drop a course without academic penalty (unless previously assigned an "F" by professor for absences)
8-12	Monday - Friday	Advisement and advance registration - 8:30 a.m. - 7:00 p.m. Graduate advance registration - 4:00 p.m. - 7:00 p.m.
15-19	Monday - Friday	SPRING BREAK
17	Wednesday	CLEP exams
18-19	Thursday - Friday	Placement tests for Fall, 1999 admits
22	Monday	Classes resume
27	Saturday	Regents' Test Spring Open Campus Day
29-30	Monday - Tuesday	Regents' Test

April

1	Thursday	Fall priority Application deadline
2	Friday	Holiday - Good Friday
8	Thursday	Honors Convocation (All-university assembly)
14	Wednesday	President's assembly with students 1:00 p.m. & 6:00 p.m.
21	Wednesday	CLEP exams
29-30	Thursday - Friday	Placement tests for Fall, 1999 admits

May

1	Saturday	Summer application deadline
3	Monday	Application deadline for Fall semester graduates Senior grades due for Spring, 1999 graduating students - 12:00 p.m.
4	Tuesday	Classes end
5-10	Wednesday - Monday	Final exams
9	Sunday	COMMENCEMENT - 2:00 p.m. (Savannah Civic Center Arena)
10	Monday	Dining hall closes at 6:00 p.m.
11	Tuesday	Residence halls close at 1:00 p.m.
12	Wednesday	Final grades due - 12:00 p.m. in the Office of the Registrar
19	Wednesday	CLEP exams
20-21	Thursday - Friday	Placement tests for Fall, 1999 admits
24	Monday	Holiday - MEMORIAL DAY

SUMMER I, 1999 (8-Week Term)

June

1	Tuesday	Final Fall application deadline
2	Wednesday	Residence halls open - 8:00 a.m.
3	Thursday	Freshman orientation Advisement and registration - 8:30 a.m. - 7:00 p.m. Dining hall opens - 8:00 a.m.
4	Friday	Advisement and registration - 8:30 a.m. - 7:00 p.m.
7	Monday	Classes begin
9	Wednesday	Last day to add a course
16	Wednesday	CLEP exams
17-18	Thursday - Friday	Placement tests for Fall, 1999 admits

July

1	Thursday	Midsemester Last day to drop a course without academic penalty (unless previously assigned an "F" by professor for absences)
5	Monday	Holiday - INDEPENDENCE DAY (Observed)
8-9	Thursday - Friday	Placement tests for Fall, 1999 admits
12-15	Monday - Thursday	Advisement and advance registration - 8:30 a.m. - 7:00 p.m. Graduate advance registration - 4:00 p.m. - 7:00 p.m.
15-16	Thursday - Friday	Placement test for Fall, 1999 admits
16	Friday	Advisement and advance registration - 8:30 a.m. - 5:00 p.m.
28	Wednesday	Classes end
29-30	Thursday - Friday	Final exams Placement tests for Fall, 1999 admits

August

2-3	Monday - Tuesday	Final exams
3	Tuesday	Dining hall closes - 6:00 p.m.
4	Wednesday	Final grades due Residence halls close - 1:00 p.m.
5-6	Thursday - Friday	Placement tests for Fall, 1999 admits
18	Wednesday	CLEP exams

SUMMER II, 1999 (4-Week Term)

June

3-4	Thursday - Friday	Registration
6	Sunday	Residence halls open - 8:00 a.m.
7	Monday	Classes begin Dining hall opens - 8:00 a.m.
9	Wednesday	Last day to add a course
18	Friday	Midsemester Last day to drop a course without academic penalty (unless previously assigned an "F" by professor for absences)

July

2	Friday	Classes end Final exams begin
5	Monday	Holiday - INDEPENDENCE DAY (Observed)
6	Tuesday	Final exams end Dining hall closes - 6:00 p.m.
7	Wednesday	Residence halls close - 6:00 p.m.
8	Thursday	Final grades due

SAVANNAH STATE UNIVERSITY

ACADEMIC CALENDAR

1999-2000

FALL SEMESTER, 1999

August

17-18	Tuesday - Wednesday	Advisement and registration - 8:30 a.m. - 7:00 p.m. Graduate registration - 4:00 p.m. - 7:00 p.m., Howard Jordan Building
19	Thursday	First day of classes
19-20	Thursday - Friday	Late registration - drop/add (with signatures)
26	Thursday	Last day to add a course

September

6	Monday	Holiday - Labor Day
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October

12	Tuesday	Mid-semester Last day to withdraw without automatic penalty - "WF"
18-21	Monday - Thursday	Advisement and advance registration - 8:30 a.m. - 7:00 p.m. Graduate advance registration - 4:00 p.m. - 7:00 p.m.
22	Friday	Advisement and advance registration - 8:30 a.m. - 5:00 p.m. Graduate advance registration - 9:00 a.m. - 5:00 p.m.

November

1	Monday	Admission application deadline for Spring Semester, 2000
24	Wednesday	THANKSGIVING HOLIDAY (Students Only)
25-26	Thursday - Friday	THANKSGIVING HOLIDAY (Students, faculty, and staff)

December

6	Monday	Senior grades due to Registrar by 12:00 noon
7	Tuesday	Last day of classes
8	Wednesday	READING DAY Final corrections for Summer, 2000 and Fall, 2000 due to Registrar by 1:00 p.m.
9	Thursday	Final exams begin
11	Saturday	COMMENCEMENT
13	Monday	Application deadline for students who are graduating Spring Semester, 2000.
15	Wednesday	Final exams end
16	Thursday	Final grades due - 2:00 p.m. in the Office of the Registrar
20	Monday	University closes for Christmas holidays

SPRING SEMESTER 2000

January

6	Thursday	Advisement and registration - 8:30 a.m. - 7:00 p.m. Graduate registration - 4:00 p.m. - 7:00 p.m., Howard Jordan Building
7	Friday	Advisement and registration - 8:30 a.m. - 5:00 p.m. Graduate registration - 4:00 p.m. - 5:00 p.m.
10	Monday	First day of classes Late registration Drop/add (with signatures)
11	Tuesday	Late registration Drop/add (with signatures)
17	Monday	Holiday - MARTIN LUTHER KING, JR. Observance Day
19	Wednesday	Last day to add a course
28	Friday	Final for spring semester class schedule corrections (CIR) due to registrar by 2:00 p.m.

March

2	Tuesday	Mid-semester Last day to withdraw without academic penalty - "WF"
6-9	Monday - Thursday	Advisement and advance registration - 8:30 a.m. - 7:00 p.m. Graduate advance registration - 4:00 p.m. - 7:00 p.m.
10	Friday	Advisement and advance registration - 8:30 a.m. - 5:00 p.m. Graduate advance registration - 4:00 p.m. - 5:00 p.m.
13-17	Monday - Friday	SPRING BREAK
20	Monday	Classes resume

April

21	Friday	Holiday - Good Friday
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May

1	Monday	Application deadline for students graduating Fall Semester, 2000 Last day of classes Grades due for graduating students - 9:00 a.m. Priority deadline for fall semester admission applicants
2	Tuesday	READING DAY
3	Wednesday	Final exams begin
5	Friday	Admission application deadline for summer semester applicants
7	Sunday	COMMENCEMENT
9	Tuesday	Final exams end
12	Friday	Final grades due - 12:00 p.m. in the Office of the Registrar
29	Monday	Holiday - MEMORIAL DAY

SUMMER SEMESTER, 2000
Session 1 (8-Week term)
Session 2 (4-Week term)

June

2	Friday	Advisement and registration - 8:30 a.m. - 5:00 p.m. Graduate registration - 9:00 a.m.- 5:00 p.m. Dining hall opens - 8:00 a.m.
5	Monday	First day of class - Session 1 (<i>8-week term</i>); Session 2 (<i>4-week term</i>)
5-6	Monday-Tuesday	Late registration Drop/add (with signature)
16	Friday	Mid-term {Session 2 (<i>4-week term</i>)} Last day to withdraw without automatic academic penalty - "WF" {Session 2 (<i>4-week term</i>)}
23	Friday	Final summer semester class schedule corrections (CIR) due to Registrar
29	Thursday	Mid-term {Session 1 (<i>8-week term</i>)} Last day to withdraw without automatic academic penalty - "WF" {Session 1 (<i>8-week term</i>)} Last day of class {Session 2 (<i>4-week term</i>)}

July

3	Monday	Final exams begin and end {Session 2 (<i>4-week term</i>)}
4	Tuesday	HOLIDAY - Independence Day (observed)
26	Wednesday	Last day of class - Session 1 (<i>8-week term</i>)
27	Thursday	READING DAY - Session 1 (<i>8-week term</i>)
31	Monday	Final exams begin Session 1 (<i>8-week term</i>)

August

2	Wednesday	Final exams end {Session 1 (<i>8-week term</i>)}
3	Thursday	Final grades due in the Registrar's Office - 9:00 a.m. {Session 1 (<i>8-week term</i>)}

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INTRODUCTION

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AN OVERVIEW OF SAVANNAH STATE UNIVERSITY

LOCATION



PRESIDENT'S MESSAGE



President Carlton E. Brown
The Eleventh President of Savannah
State University

Savannah State University has proudly served the educational, cultural, and community development needs of Southeastern Georgia for 108 years. It served for much of this historical period as the only institution of higher education in the region. Having entered its own second century, Savannah State University prepares for the dawn of the twenty-first century with strength, vision, and focus.

As clearly delineated in these pages, the "University by the Sea" seeks to prepare strong, dedicated students in exceptional and selective academic programs designed to provide quality learning, economic viability, and scientific advancement for a new century. As a small comprehensive institution, Savannah State University provides a dedicated faculty and staff, working in close support of its students to enable their achievement of excellence in academics, professionalism, and character.

The University works continuously to strengthen a rich and diverse environment through constant progress in technological applications, enhancement of the physical environment, and a responsive cultural environment. Its community and service structures are designed to address the needs of traditional and nontraditional students both inside and outside the classroom.

Finally, Savannah State University seeks to play an increasingly meaningful role in the economic and social development of Southeastern Georgia into the next century. All persons interested in furthering their education are invited to become part of one of the most spirited, historically rich, and progressive institutions in America!

PURPOSE AND GOALS OF THE UNIVERSITY

MISSION STATEMENT:

Chartered by the State of Georgia in 1890, as a department of the State University for the education and training of Negro students, Savannah State University now serves a diverse student population as a senior university of the University System of Georgia. The University serves a primarily African-American student population, enriched by a diversity of traditional and nontraditional students from other countries, cultures, and races.

The University's mission is to graduate students prepared to perform at higher levels of economic productivity, social responsibility, and excellence in their chosen fields of endeavor in a changing global community. The educational goal is realized through program offerings in the College of Business Administration, the College of Liberal Arts and Social Sciences, and the College of Sciences and Technology, which lead to baccalaureate, and master's degrees.

Savannah State University, located in a coastal, urban, port city setting, serves residential and commuter students from diverse educational, geographical, and racial backgrounds. In a beautiful and unique setting of a live oak forest next to a salt marsh estuary, the University is well situated for the study of commercial, technological, environmental and urban issues. The University's mission is consistent with the core missions of the University System of Georgia and the senior universities in the System.

Savannah State University shares with the University System of Georgia the following characteristics:

- a supportive campus climate, necessary services, and leadership development opportunities, all to educate the whole person and meet the needs of students, faculty, and staff; cultural, ethnic, racial, and gender diversity in faculty, staff, and student body, supported by practices and programs that embody the ideals of an open, democratic, and global society;
- technology to advance educational purposes, including instructional technology, student support services, and distance education; collaborative relationships with other System institutions, state agencies, local schools and technical institutes, and businesses and industries, sharing physical, human, information and other resources to expand and enhance programs and services available to the citizens of Georgia.

Savannah State University shares with senior universities in the University System of Georgia these characteristics:

- a commitment to excellence and responsiveness within the scope of influence defined by the needs of an area of the state, and by particularly outstanding programs or distinctive characteristics that have a magnet effect throughout the region or state;
- a commitment to the teaching/learning environment, both inside and outside the classroom, that sustains instructional excellence, serves a diverse and college prepared student body, promotes high levels of student achievement, offers academic assistance, and provides Learning Support programs for a limited student cohort;

- a commitment to a high quality general education program supporting a variety of disciplinary, interdisciplinary, and professional programming at the baccalaureate level, with selected master's and educational specialist's degrees, and selected associate degree programs based on area need and/or inter-institutional collaborations;
- a commitment to public service, continuing education, technical assistance, and economic development activities that address the needs, improve the quality of life, and raise the educational level within the University's scope of influence; and
- a commitment to scholarly and creative work to enhance instructional effectiveness and to encourage faculty scholarly pursuits; and a commitment to applied research in selected areas of institutional strength and area need.

The continuing commitment of Savannah State University to academic excellence is expressed through the following characteristics:

- the tradition of serving the educational needs of African-American students as well as those of all other students, regardless of race, ethnicity, or culture; the historical tradition as an African-American institution which defines the University as a unique cultural and educational resource for the interpretation and transmission of the African-American legacy; the guiding principle of the faculty and staff which is service to students expressed by quality, student-centered instruction, scholarship, research and effective support services that nurture the intellect and value honesty and human sensitivity; a high quality general education offered through the core curriculum in humanities, mathematics, natural sciences, and social and behavioral sciences;
- baccalaureate degree offerings with a dynamic mix of liberal arts programs that address the study of the humanities, social sciences and the sciences; professional programs that address the study of commerce, entrepreneurship, communications, social services, technology and environmental sustainability; master's degree offerings that address the study of the social and behavioral sciences, and natural sciences; and initiatives to provide new programs and levels of service to meet the ever changing needs of a coastal urban area;
- a commitment to excellence in the area of engineering technology;
- Learning Support services that provide educational access and opportunity for students, and service programs, offered singly and collaboratively, to enhance student satisfaction and academic success; and
- an active community service function that is carried out through collaborative partnerships with business, private and governmental agencies, public schools, and other institutions in the University System.

Savannah State University intends to increase the scope and quality of service to diverse populations by focusing and developing an array of excellent programs, supported and delivered through instructional technology and distance education to all who seek its programs and services.

AN OVERVIEW OF SAVANNAH STATE UNIVERSITY

Savannah State University was founded when enabling legislation was passed by the Georgia General Assembly on November 26, 1890, creating a normal school for the training of Black citizens. The fledgling institution, known as the Georgia State Industrial College (GSIC) for Colored Youths, began its first session in June 1891, in the Baxter Street School Building in Athens, Georgia, with Richard R. Wright, Sr., as principal, and was considered a part of the University of Georgia. Religious and educational leaders such as Professor John McIntosh, Reverend E. K. Love, James Simms, Alexander Harris, and others met in March 1891, in the basement of the First African Baptist Church and developed a proposal that convinced Judge Peter W. Meldrim, chair, and the other white members of the Georgia State Industrial College Board of Commissioners to locate the new Black institution in Savannah.

The College was established as a result of the Second Morrill Land Grant Act of August 30, 1890, which had specific wording mandating the development of Black land grant colleges in the southern and border states. The early educational paradigm of the College was based on the Talented Tenth philosophy of W. E. B. DuBois, the vocationalism of Booker T. Washington, and the model of the New England College espoused by Richard R. Wright, Sr., as a result of his education under the American Missionary Association at Atlanta University. The early curriculum had normal, agricultural, and college programs. The College opened in Savannah on October 7, 1891, with Richard R. Wright, Sr., as principal, five students from Ware High School in Augusta, and a foreman for the farm. Richard R. Wright, Jr., received the first baccalaureate degree from the College in June 1898. During Wright's presidency, Presidents William McKinley (December 1898) and William Howard Taft (May 1, 1912) visited the campus. During Cyrus G. Wiley's (GSIC Class of 1899) tenure (1921-26), women were admitted as boarders, and the College was established as a federal agricultural extension center.

President James A. Colston (1947-49) modernized the campus of Georgia State College. He built the first student center, established the first office of public relations, initiated the Campus Chest Program, and installed a campus-wide telephone system. In 1949, the College's land-grant status was transferred to Fort Valley State College. It was during Colston's administration that Savannah State became accredited by the Southern Association of Colleges and Schools (SACS). After President Colston resigned in 1949, William Kenneth Payne, who was serving as dean of the College, became acting president. By 1950, Payne was named president. In September 1950, the Institution's name was changed to Savannah State College. The first major building program of the modern era began during President Payne's tenure when Richard R. Wright Hall, Colston Hall, Wiley Gymnasium, and B. F. Hubert Technical Sciences Center were constructed. Payne died during his term of office in August 1963, and was succeeded by Dr. Howard Jordan, Jr., in September 1963.

President Jordan spearheaded a major building program at the College which resulted in the construction of a modern student union, new football stadium, fine arts building, Payne Hall, and new dormitories for men and women. White students were admitted to the College after the Civil Rights Act of 1964 was passed, and the first white faculty were hired during this time. In 1968, Savannah State College founded Savannah's first graduate program in education. The program soon received NCATE accreditation. Dr. Jordan resigned from the College in 1971 to become the first

Black vice chancellor for the central office of the Board of Regents of the University System of Georgia.

In 1971, Dr. Prince A. Jackson, Jr., became the second Savannah State College graduate to become president of the Institution. His administration was responsible for the development of the Naval Reserve Officers Training Program, the establishment of WHCJ-FM Radio Station, the institutionalization of the Title III program, SACS accreditation, and construction of new buildings. Dr. Jackson was succeeded by Dr. Clyde W. Hall (1978-80), a Savannah State graduate and professor of technical sciences. As acting president, Dr. Hall developed plans for a new administration building and health center, and initiated improvements to the infrastructure of the College.

Dr. Wendell G. Rayburn (1980-1988), eighth president of Savannah State College, led the institution through its first major building program since the 1970s. His administration worked through the Desegregation Plan of the Board of Regents and completed the building of the marine biology facilities, Jordan College of Business Administration, the president's house (later named William E. Gardner Hall), and Harris-McDew Health Services Center. In 1988, Dr. Rayburn resigned to become president of Lincoln University in Jefferson City, Missouri. He was succeeded by Dr. Wiley S. Bolden who served as acting president from 1988-1989. Dr. Bolden was instrumental in leading the College to continue its existence as an historically Black institution.

Dr. William E. Gardner, Jr., (1989-1991) was selected as the ninth president of the College in September 1989, and presided over a period of unprecedented enrollment growth for the Institution. He successfully led the College to SACS accreditation for a ten year period (1990-2000). Dr. Gardner was responsible for the replica of the Navy jet flown by Commander Donnie L. Cochran, U.S. Navy "Blue Angels" demonstration flying team, being placed in front of the McGlockton NROTC Building. He also spearheaded the Centennial Celebration of Savannah State and the restoration of Adams Hall as the College's archives building and established the Advanced Water Technology Center. Dr. Gardner died suddenly in office in 1991, and was succeeded by Dr. Annette K. Brock, a Savannah State College graduate, and professor and chair, Department of Social and Behavioral Sciences. Dr. Brock served as acting president from 1991 until 1993. As the College's first woman president, she continued the successful work of the previous administration and was instrumental in locating the Olympic track at Theodore Wright Stadium and institutionalizing the College's archives with the support of Title III funding.

Dr. John T. Wolfe (1993-1997) became the tenth president of Savannah State College. During his tenure, graduate programs in Public Administration and Social Work were returned to the institution. During his administration, the Board of Regents of the University System of Georgia elevated Savannah State College, along with twelve other regional state colleges, to the status of state universities (1996). Also during Wolfe's administration, graduate programs in public administration and social work were returned to the University. Dr. Carlton E. Brown was appointed to replace John T. Wolfe and became SSU's eleventh president on July 1, 1997. Dr. Brown has embarked on a mission to foster academic and organizational excellence for this historic institution.

LOCATION

Savannah State University is located approximately five miles east southeast from the center of beautiful, historic Savannah, the original European settlement in Northeast Georgia, founded by James Oglethorpe in 1733. Savannah today is an extraordinarily attractive and busy port city with nearly 200,000 inhabitants. Close by are the historic and contemporary sea resort islands of St. Simons, Jekyll, and Hilton Head, South Carolina. Daufuskie, home of the famed Gullah culture, a blend of early African and American ways of life, language, and music, is nearby. Tybee Island lies to the east and is noted for its easy-going life style and sport fishing. The general environment is replete with abundant historic and contemporary tourist and outdoor attractions, including wildlife refuges, museums, heritage preserves, and numerous other attractions. Historically, the region was noted for its rich rice and cotton production as well as its lively pirate trade. Many believe Savannah, with its exemplary urban renewal and historic preservation record, is the ultimate Southern hostess city.

The campus itself lies on a stunning site adjacent to the inland waterway near the estuary of the Savannah River and proximate to the Atlantic coast. Several of the University's major buildings overlook the open marsh and peaceful tidewater flood plain while others center on the two beautifully landscaped quads of native foliage. A temperate climate encourages year-round outdoor activities with mean high temperatures ranging from the low 50s for December/January to the 80s for July/August.

Savannah State University is accessed from north/south Interstate 95 and east/west Interstate 16. A beautiful, modern and convenient Savannah International Airport makes the region accessible from anywhere in the USA. Nearby cities include Atlanta, Georgia; Jacksonville, Florida; Charleston, South Carolina; and Charlotte, North Carolina.



ACADEMIC AFFAIRS

VICE PRESIDENT FOR ACADEMIC AFFAIRS
UNDERGRADUATE ADMISSION TO THE UNIVERSITY
INTERNATIONAL ADMISSIONS
GRADUATE ADMISSIONS
DEFINITION OF LEGAL RESIDENCE
ACADEMIC POLICY AND REGISTRATION INFORMATION
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REGENTS TESTING PROGRAM
VETERANS' AFFAIRS
FINANCIAL AID
ENROLLMENT MANAGEMENT



ACADEMIC AFFAIRS

VICE PRESIDENT FOR ACADEMIC AFFAIRS

As the chief academic officer of Savannah State University, the Vice President for Academic Affairs is responsible for all functions and matters relating directly to academic programs and their support services. The Vice President serves also as the senior officer of the University in the absence of the President.

The Vice President coordinates the work of the Colleges of Liberal Arts and Social Sciences, Business Administration, and Sciences and Technology; the graduate programs; and the Division of Learning Support. Similarly, the Vice President oversees the functions of admissions, financial aid, registration, enrollment services, sponsored programs, and the library. Long range academic planning, overall academic effectiveness, and curriculum and staff development are the principal concerns of the Office. Accordingly, the Vice President also serves as senior liaison officer for Savannah State University with the University System of Georgia academic officers and staff of the Board of Regents.

UNDERGRADUATE ADMISSION TO THE UNIVERSITY

GENERAL INFORMATION

Persons who wish to enroll at Savannah State University must file an application, which can be obtained from the Office of Admissions. Applicants who are high school students should file an application as early as possible during their senior year. All applications must be filed and completed by the application deadline for the semester in which applicants plan to enroll. Applicants must furnish evidence indicating ability to do university level work.

All new students (freshmen, transfers, and others) attending regularly scheduled classes or receiving resident credit will be required to submit a Certificate of Immunization (measles, mumps, and rubella) prior to attending such classes. This certificate will be kept on file in the Office of the Registrar and will be valid throughout enrollment. Students without this certification of immunization may be denied admission to the University. Exceptions may be made for students who have religious objections and students whose physicians have certified that the students cannot be immunized because of medical reasons.

Savannah State University reserves the right to employ appropriate assessment mechanisms to ascertain the suitability of applicants to enroll in the University and to deny enrollment or admission to individuals based upon the results of this assessment.

The University reserves the right to withdraw admission prior to or following enrollment if students become ineligible as determined by the standards of the University or Board of Regents. These standards may be revised and new policies initiated upon the discretion and consensus of the University and Board of Regents.

ADMISSION PROCEDURES

Applicants are responsible for requesting that official documents required for admission be sent directly from their previous institutions to the Office of Admissions. Documents that have been in the hands of applicants, such as student copies of transcripts or letters, grade reports, diplomas, or graduation lists, are not

official. Official documents must be issued and mailed directly by the registrar of the previous institution(s) in a sealed envelope to the Office of Admissions at Savannah State University. These documents become part of the applicants' permanent records and will not be returned.

The following are specific items required for admission:

1. **OFFICIAL APPLICATION FORM.** **Applicants seeking admission must file an application for admission prior to the specified deadline as indicated in the academic calendar.** An application may be obtained from the Office of Admissions. Care should be taken to read the directions accompanying the application and provide all information requested. An incomplete application will cause delay and may be returned.
2. **CERTIFICATE OF IMMUNIZATION.** All applicants must submit a University System of Georgia Certificate of Immunization, verifying immunity against measles, mumps, and rubella. **This form must be on file before registration.**
3. **APPLICATION FEE.** A non-refundable processing fee of \$20.00 is required with applications.
4. **OFFICIAL TRANSCRIPT(S) OF COURSES COMPLETED.** **All documents must be on file in the Office of Admissions prior to the specified document deadline indicated in the academic calendar.** Freshman applicants should request their high school guidance department to send an official copy of their transcript. Nontraditional adult candidates must submit an official high school transcript and official college transcript, if applicable. Transfer candidates with fewer than 45 transferable quarter hours or 30 transferable semester hours should submit an official transcripts from their high schools and from all colleges previously attended.
5. **OFFICIAL SCORES ON THE SCHOLASTIC APTITUDE TEST (SAT I and SAT II, it required to satisfy CPC requirements) of the College Entrance Examination Board or The American College Testing Program (ACT).** Applications and information may be obtained from the College Entrance Examination Board (Box 592, Princeton, New Jersey 08540), or the American College Testing Program (3355 Lenox Road, N.E., Suite 320, Atlanta, Georgia 33026-1332). The CEEB code assigned to Savannah State University is 5609, and the ACT Code number is 0858. An Institutional Scholastic Aptitude Test (ISAT) is offered each semester by the Office of Testing for students who apply for admission to Savannah State University only. **SAVANNAH STATE UNIVERSITY applicants who were unable to schedule for the SAT I during the regularly scheduled administration with the National SAT Program offered October through June of each year may take the ISAT. SCORES EARNED AT AN ISAT ADMINISTRATION ARE FOR USE AT SAVANNAH STATE UNIVERSITY ONLY AND CANNOT BE REPORTED TO OTHER COLLEGES OR UNIVERSITIES.** Freshman candidates are required to submit SAT I or ACT scores. Holders of the GED certificate are also required to submit SAT I or ACT scores and SAT II Subject Test scores as required to satisfy admission criteria. Transfer candidates who have attempted fewer than 45 transferable core quarter hours or 30 transferable semester hours must also submit SAT I or ACT scores and submit an official copy of their high school transcript.
6. **OTHER REQUIREMENTS.** The University may require applicants to appear for a personal interview and to take any achievement, aptitude, and psychological tests it deems appropriate in order to make a decision regarding the qualification for admission to the University. Once admitted, all students are

required to take a Writing Assessment. Some students may also be required to take placement tests in English, reading, and/or mathematics.

Regular Admission

Acceptance to the University is determined on the basis of high school curriculum, ACT or SAT scores, and the high school grade point average. Applicants must be graduates of an accredited high school (regional accrediting association or a public school regulated by a school system and state department of education) with a diploma (**a certificate of attendance is not acceptable**). The University requires the students' final high school transcripts before they are allowed to attend classes. Applicants graduating from high school less than 5 years or earlier, must meet the requirements of the College Preparatory Curriculum (CPC) of the Board of Regents. Applicants who lack required courses in any of the five areas must make up the deficiencies according to established guidelines. The following high school courses are minimum requirements for regular admission:

Units	Instructional Emphasis/Courses
English (4)	* Grammar and usage * Literature (American and World) * Advanced composition skills
Science (3)	* Physical Science * At least two laboratory courses from biology, chemistry or physics
Mathematics (3)	* Two courses in algebra and one in geometry (requirement increases to 4 courses in 2000)
Social Science (3)	* American History * World History * Economics and Government
Foreign Language (2)	* Two courses in one language emphasizing speaking (must be listening, reading, and writing)

Applicants who have not completed the CPC at an accredited high school must achieve designated scores on SAT II Subject Tests in order to demonstrate equivalency to the University System of Georgia's CPC. Applicants for the academic year 1998-99 must satisfy the following SAT II subject tests (the basic group): English Writing, Math IC, American History and Social Studies, and Biology and one additional SAT II subject test from the following: Literature, World History, Chemistry or Physics. Applicants for the academic year 1999-2000 must satisfy the basic group and two additional SAT II subject tests from the following: World History, Literature, and Chemistry or Physics. Students must also demonstrate proficiency in a foreign language at the level of two years of high school study by CLEP, SAT II subject, or an SSU departmental language test. GED, home schooled students, and students from non-accredited high schools are admitted **only** if they take required SAT II subject tests listed above and have the following passing scores:

SCORE	SAT II SUBJECT TEST
520	English Writing
530	Literature
560	American History and Social Science
540	World History
500	Math IC
550	Math IIC
480	Biology
540	Chemistry
590	Physics

Test Scores

The University began utilizing recentered SAT I scores in Summer Quarter, 1996. Minimum scores for regular admission are one of the following:

Original Scale
SAT or SAT I Scores
(Taken Prior to April 1995)
at least 350 verbal and 350 Math

Recentered
SAT or SAT I Scores
(Taken April 1995 or later)
at least 430 verbal and 400 math
and high school grade point average
of 2.04

OR
ACT Scores
18 English and 16 math and high
school grade point average of 2.04

Applicants must have a minimum of a 2.0 high school grade point average. The grade point average is calculated by the Office of Admissions from courses designated as College Preparatory Curriculum courses only. Applicants whose average score falls below 2.0 are required to sit for the Collegiate Placement Exam (CPE) or COMPASS (The Computer-Adaptive Placement Assessment and Support Exam), and the Writing Assessment Test.

Writing Assessment

All entering first-time freshmen are required to sit for the Writing Assessment. The Writing Assessment will be used (1) to determine which regularly admitted students need to be directed to the Writing Center for assistance, (2) to identify early test-takers of the Regents' Test, a comprehensive test of reading and writing skills which all students must pass (see Regents testing section of this document); and (3) to identify students ready for honors English (see Honors section). The Writing Assessment is also used to assess the entry level writing skills of students who place into remedial/Learning Support English.

Freshman Index

When required application materials have been received by the Savannah State University Office of Admissions, a Freshman Index (FI) score will be calculated by adding a weighted high school GPA (500 x HSGPA) to the sum of the verbal and mathematics scores on the SAT I. (If ACT scores are submitted, the comparable SAT I scores are used to calculate the FI.) To be accepted for admissions as a "regular" student, a satisfactory score is required. The required index score for admission to Savannah State University will increase over the next four years as follows:

Year:	1998	1999	2000	2001
FI Score:	1830	1850	1880	1940

(Freshman Index = 500 x YHSGPA + SAT I Verbal + SAT I Math)

Limited Admission

Applicants who do not meet all College Preparatory Curriculum (CPC) requirements or whose Freshman Index score is below the required level **may** be considered for provisional admission to the University by earning the minimum Freshmen Index. Those admitted provisionally are considered "limited admit students." The University System of Georgia has restricted the number of students who may be

admitted by this provision. Consequently, students in this category are evaluated and admitted only if space remains in the total freshman class. Accordingly, these applicants may receive a delayed acceptance response. All "limited admit students" must sit for the Collegiate Placement Examination (CPE) or COMPASS (Computer-Adaptive Placement Assessment and Support System) or appropriate subject area(s) of either the CPE or COMPASS and the Writing Assessment. Examinations must be taken before initial registration at the University.

Students who do not satisfy any of the placement examinations will be required to enroll in special course(s) to overcome academic deficiencies. These courses, numbered below 1000, are known as Learning Support courses, and students enrolled in them are known as "Learning Support Students" (see "Policies Regarding CPC Deficiencies" of this section and "Division of Learning Support").

Minimum Freshman Index for Limited Admission

Year:	1998	1999	2000	2001
Score:	1680	1700	1730	1790

Fall 1999 Applicants must earn the above minimum index and earn not less than 350 SAT Verbal and 350 SAT Math to qualify for Limited Admissions.

Presidential Exceptions

In very special and rare circumstances, the President of Savannah State University may grant exceptions to the CPC and FI requirements for limited admissions if students show exceptional promise for success. Only a few students can be admitted under this category.

Substitutions for CPC Requirements

Students who have not completed the CPC requirements in high school must satisfy them as follows:

English. Students graduating with fewer than the four required units of English are required to take the Collegiate Placement Examination (CPE) or Computer-Adaptive Assessment and Support System exam (COMPASS) in English and the Writing Assessment and the CPE or COMPASS in reading. Based upon the score earned, students will either be exempt from or required to enroll in the Learning Support English and/or reading course. SAT II subject tests may be used to satisfy equivalence of the English CPC courses if satisfactory scores are earned on the writing and literature tests. Satisfactory scores on either test will provide credit for two years of CPC English while satisfactory scores on both tests will provide credit for four years or CPC English. Students with a passing score on only one test would have two deficiencies at admission and, therefore, must be tested for placement into a Learning Support English course (institutional credit only).

Mathematics. Students graduating with fewer than the three required units of mathematics are required to take the Collegiate Placement Examination (CPE) or COMPASS Mathematics. Based on the score earned, students will either be exempt from or required to enroll in the Learning Support mathematics course. SAT II subject tests may be used to satisfy the math CPC course requirements if satisfactory scores are earned on the mathematics test. Students not passing either test would have three deficiencies at admission and, therefore, must be tested for placement into the Learning Support mathematics course (institutional credit only).

Science. Students graduating with fewer than the three required units of science are required to take a laboratory science course (institutional credit only) and

pass it with a grade of “C” or better. This CPC deficiency course cannot be used for graduation requirements. The SAT II subject tests may be used to satisfy science CPC course requirements if satisfactory scores are earned. Students passing only one of the two required tests would have two deficiencies at admission and, therefore, will be required to enroll in a laboratory science course and pass the course with a “C” or better.

Social Science. Students graduating with fewer than the three required units of social science are required to take a three semester hour course (for institutional credit only) chosen from approved social science courses and pass it with a grade of “C” or better. This course cannot be used for graduation requirements. The SAT II subject tests may be used to satisfy the social science CPC requirements if satisfactory scores are earned. Students passing only one of the two required tests would have two deficiencies at admission and, therefore, will be required to enroll in a social science course.

Foreign Language. Students graduating with fewer than the two required units of foreign language are required to complete one additional three semester hour (instructional credit only) introductory foreign language course. Alternatively, the CLEP, AP, or a departmental exam may be taken, and, if the score earned is adequate, credit will be granted for meeting the foreign language requirements.

Policies Regarding CPC Deficiencies

All course work required to overcome deficiencies must be completed prior to accumulating 30 semester hours of university level course work. In social science, and foreign language courses, it is necessary to complete the course with a grade of “C” or better. Although credit is received for courses used to satisfy College Preparatory Curriculum deficiencies, such credit may not be used to satisfy either core curriculum or degree requirements.

Students should register for courses to satisfy deficiencies in science, social science, or foreign language during their first and each subsequent semester of enrollment until the deficiencies are satisfied.

Students who are readmitted to Savannah State University and students who transfer from within the University System of Georgia who have earned 30 or more semester hours of college-level credit and who have not satisfied College Preparatory Curriculum deficiencies in science, social science, or foreign language may not register for other courses (except required Learning Support courses) unless they also register for the appropriate deficiency course or courses.

Students transferring from outside the University System with fewer than 30 transferable credit hours of accepted transfer credits which do not include completion of area A of the core curriculum credits, or from a program not requiring the College Preparatory Curriculum are required to submit a high school transcript and appropriate test scores for evaluation. Applicants not meeting regular freshman requirements (see “Regular Admission”) are required to test for placement and should register for any deficiencies immediately upon entering Savannah State University. Such students who earn 30 or more hours of university credit at the institution and who have not satisfied College Preparatory Curriculum deficiencies in science, social science, or foreign language may not register for other courses (except required Learning Support courses unless they also register for the appropriate deficiency course or courses).

Students whose native language is not English may be considered to have met the CPC foreign language requirements if they are proficient in their native language.

A formal examination is not necessary if other evidence of proficiency (for example, attendance at a school in the native language) is available.

Freshman applicants entering in Fall Semester 1998 may have **no more than three College Curriculum (CPC) deficient units**. In the Fall Semester 1999, freshman applicants may have **no more than two CPC deficient units**. In the Fall Semester 2000, freshman applications may have **no more than 1 CPC deficient unit**. In the Fall Semester 2001, freshman applicants **must satisfy all CPC requirements**.

Exceptions to the CPC Requirement section from Page 29.

Exceptions to the CPC Requirements

Applicants who have not attended high school within the previous five years are exempt from College Preparatory Requirements.

Applicants applying for any associate of applied science or associate of science degree program offered by Savannah State University are exempt from the CPC requirements.

Applicants who are admitted with CPC exemptions are required to sit for the CPE/COMPASS placement examination and the Writing Assessment (see "Division of Learning Support").

Admission of Students with Disabilities

Applicants with disabilities are expected to have completed the CPC with the appropriate instructional accommodations. The Core Curriculum of Savannah State University requires students to complete university-level courses in English, mathematics, social science, and science. No exemptions or substitutions are permitted for these required college courses. Students who are not successful in the high school courses will not be provided with CPC exceptions in the admissions process.

Foreign language fluency is not required for all majors at Savannah State University. Therefore, students with learning disabilities that preclude the acquisition of a foreign language may petition for admission without completing this CPC requirement.

For admission to Savannah State University, students must receive approval from a Regents' Center for Learning Disorders (RCLD) prior to acceptance. To ensure consideration under this provision, students should apply for admission and request an RCLD review no later than six months before the admissions decision is to be made. Students applying should also apply and request approval at least six months in advance, but may be admitted in the "limited" category if they meet other requirements. Those admitted without approval must request RCLD review and submit all requested materials during their first semester of enrollment. Students who receive approval from the RCLD may then satisfy the CPC foreign language deficiency by substituting another type of course determined by the Institution.

Students are expected to achieve the University's minimum SAT scores with the appropriate SAT accommodations from the College Board.

Students may apply and be admitted without regard to disability. However, students who do not meet the regular admissions requirements and who would like to be considered for accommodations in the admissions process must notify the Office of Counseling and provide documentation of their disability. In particular, students with learning disorders who are requesting an accommodation that requires

approval from an RCLD should apply at least six months in advance of the time the admissions decision is needed.

Students should be aware that certain programs and degrees require the ability to perform specific critical skills. Students should, prior to applying for or beginning a program of study, review all requirements that are necessary for completion of the program.

EARLY ADMISSION

Students who have completed the eleventh grade in high school and who have demonstrated outstanding ability to achieve will be considered for early admission. The University will consider students for early admission only upon written recommendation from their high school principals or counselors. To be admitted early, students must satisfy all of the following criteria:

1. Have a minimum Scholastic Aptitude Test (SAT I) score of 970, combined verbal and mathematics sections, or the ACT composite score no less than 21;
2. Have at least a minimum cumulative high school grade point average of 3.0 or numerical average of 80 or higher in academic subjects;
3. Be exempt from all Learning Support requirements;
4. Submit written recommendation from their high school principal or counselor;
5. Present written consent of parents or guardian (if students are minors); and
6. Have completed the University System of Georgia College Preparatory Curriculum requirements with the following exceptions:

Students with SAT I verbal scores of at least 530 (or ACT English of at least 23), who have not completed the final unit of high school English and/or social science, may be permitted to fulfill these high school requirements with the appropriate university course taken through the joint enrollment or early admissions program.

Students who have not completed the College Preparatory Curriculum requirements may be admitted through the joint enrollment program if they are enrolled in the necessary high school courses and are scheduled to complete the requirements by the end of their senior year.

With the exception of English and social studies courses taken by students with a SAT I verbal score of at least 530 (or ACT English of at least 23), college courses may not be used to fulfill both high school College Preparatory Curriculum requirements and college degree requirements.

JOINT ENROLLMENT OF HIGH SCHOOL STUDENTS (Including Post-Secondary Options)

The joint enrollment program is designed for high school juniors and seniors who wish to enter college on a part-time basis and earn college credit while they complete their junior and/or senior year of high school. Interested applicants must have prior approval of their parents and high school counselor or principal.

Post-Secondary Options (PSO) is a joint enrollment program designed for juniors and seniors in Georgia public high schools. Under PSO regulations, students simultaneously receive high school Carnegie unit credit(s) and college credit hours. Under the PSO program, tuition for classes taken at Savannah State University is paid for

with funds generated by the Quality Basic Education funding formula. Interested students should contact their high school counselor.

Joint enrollment applicants are also required to submit official college entrance examination scores. Minimum scores for joint enrollment admission, including Post-Secondary Options, are described in the "Early Admissions" section of this catalog.

Institutions in the University System of Georgia are prohibited from accepting transfer credit awarded by any college or university to students enrolled in joint high school and college enrollment programs unless those students have a minimum SAT I score of 970 and a high school grade point average of 3.00 (B) on a 4.00 scale, effective Fall Quarter, 1985.

TRANSFER STUDENTS

Transfer students who have been out of high school fewer than five years are requested to submit high school transcripts as part of their application package unless they have completed 30 transferable hours and have earned the equivalent of 6 semester hours of college level English and 3 semester hours of college level math. This requirement also applies to students enrolled in University System of Georgia institutions that do not require the College Preparatory Curriculum for admission.

Transfer students completing high school in Spring, 1988, or later, and transferring from University System of Georgia institutions maintain their CPC status as determined by the first University System institution making the original CPC evaluation.

Applicants having completed 30 or more transferable semester credit hours of college work are not required to submit high school records. Transfer applicants should request the registrar of institutions they formerly attended to remit an official transcript of their records to the Office of Admissions at Savannah State University, regardless of the transferability of the credits.

Transfer applicants are not considered for admission unless they are academically eligible to return to the colleges or universities they last attended.

Transfer applicants will be considered for admission to Savannah State University if their grade point average is equivalent to 2.0 on all work attempted at other institutions. Applicants with a GPA of less than 2.0 will be denied routine admission, but may appeal to the University's Committee of Admissions.

Credit will be given for transfer course work in which a grade of "C" or better has been earned. Credit is not granted for any course in which a "D" grade has been earned.

Transfer applicants must pay a \$20.00 non-refundable application fee.

The total credits that Savannah State University will allow for work completed at other institutions during a given period may not exceed the normal number of credits that could have been earned at Savannah State University during that same period.

Credit allowed for extension, correspondence, CLEP examination, or military service schools shall not exceed a total of 30 semester hours.

Transfer students who have earned excessive credit in freshman and sophomore courses may not be granted credit in excess of 67 semester hours below the junior class level.

Transfer credit may be accepted from degree granting institutions that are accredited at the collegiate level by their appropriate regional accrediting agencies. Provisions may be considered when an institution appeals the policy. In certain

areas, students may be required to validate credit by examination. In computing cumulative grade point averages, only the work attempted at Savannah State University will be considered.

If the Core Curriculum requirements in Area A (Essential Skills), Area B (Institutional Options), Area C (Humanities/Fine Arts), Area D (Science, Math, and Technology), Area E (Social Sciences), freshman experience, and/or health and wellness have been completed at a University System of Georgia institution, each completed area will be accepted as having met the respective area requirement at Savannah State University.

An official evaluation of applicants' previous college credit hours earned will be completed prior to their first semester of attendance, provided that all transcripts are on file. Transfer credit will be awarded from institutions listed in the *American Association of College Admission Officers and Registrars Handbook* as being regionally accredited.

Students who complete course work and exit any area of Learning Support at a University System institution shall not be required to re-enroll in that area of Learning Support upon transfer to Savannah State University.

All transfer students from within the System shall be subject to all provisions of this policy. Students from institutions outside the System who transfer to Savannah State University with sixty (60) or more earned degree semester credit hours shall take the Regents' Test during their initial semester of enrollment if the Learning Support and core curricular English requirements are met. During subsequent semesters, these students shall be subject to all provisions of this policy. Provisionally admitted transfer students must meet the same regular admission requirements as individuals admitted to the University for the first time. A complete record of past remedial course work and CPE or COMPASS scores must be on file in the Savannah State University Office of Admissions before admission.

Special Admission Categories

Nontraditional Students

Applicants who have not attended high school or college within the previous five years and who have earned fewer than 30 transferable semester hours of college credit are not required to take the SAT or ACT. However, these applicants will be required to take the Collegiate Placement Examination or COMPASS and the Writing Assessment and complete any Learning Support requirement(s). Students admitted under this category must complete 30 hours of college credit with a minimum 2.0 grade point average and fulfill Learning Support requirements in order to be granted regular admission status.

Post-Baccalaureate/Non-Degree Students

Applicants who desire to enroll in courses that do not require Learning Support prerequisites may be admitted to enroll in no more than 10 semester hours with permission of the Director of Admissions to enroll as non-degree students. Applicants who possess a baccalaureate degree from an accredited college or university may enroll as post-baccalaureate students after submitting an official college transcript showing completion of a baccalaureate degree. There is no limitation on the number of hours of undergraduate credit these students can earn.

This category is temporary, and applicants must complete an application each semester of enrollment.

To enter a degree program, fulfillment of all beginning freshman requirements is necessary. Non-degree students must satisfy all prerequisites before enrolling in a course.

Transient Students

Students enrolled in another college may apply for the privilege of temporary registration at Savannah State University. These students will ordinarily be expected to return to their home institution.

Transient students are admitted for only a specified time, normally one semester. These students must file a regular application form, submit a statement of good standing from their institution, and have permission to take specific courses at Savannah State University. An application fee of \$20.00 is also required. Since transient students are not admitted as regular students, transcripts of college work completed elsewhere are not usually required. Transient students who wish to remain at Savannah State University must submit additional statements from their institutions each semester. First-time applicants are required to submit a University System of Georgia Certificate of Immunization.

Persons 62 or Older

Persons who are 62 or older may enroll as regular students in credit courses on a space available basis without payment of fees. Students must pay for their supplies and laboratory or special course fees. They must be residents of the State of Georgia and must present a birth certificate or comparable written documentation of age to enable the Office of Admissions to determine eligibility. They must meet all admission and degree requirements.

SPECIAL STUDENTS

All students in classifications not otherwise covered in the University's admissions categories shall be required to meet all requirements prescribed for admission to undergraduate or graduate programs and to meet any additional requirements prescribed by the University. Exceptions may be made only with written approval of the Chancellor of the University System of Georgia.

Readmissions to Savannah State University

Students who have remained out of the University for two or more semesters must apply for readmission in the Office of Admissions by the established application deadline. Students who have attended other colleges in the interim are considered transfer students and must submit official transcripts of all colleges they attended. Former Savannah State University students are not required to pay an application processing fee when they apply.

Former students who leave the University prior to completing Learning Support requirements and/or satisfying College Preparatory Curriculum deficiencies will not be allowed to return to the University as transient students from other institutions without transcripts from those schools. Students who are readmitted after an absence from the University for more than two years must meet degree requirements in effect in the current catalog at the time of their return (see Academic Regulations).

ACADEMIC RENEWAL

Academic Renewal allows Savannah State University degree-seeking undergraduate students who have experienced academic difficulty to have one opportunity to make a fresh start at Savannah State University after an absence of five consecutive calendar years from any post-secondary institution.

Former Learning Support students or Developmental Studies students may apply for academic renewal only if they successfully completed all Learning Support or Developmental Studies requirements before the commencement of the five-year period of absence.

All previously attempted course work continues to be recorded on the official transcript. For a complete statement of this policy, see "Academic Renewal for Returning Students" under "Academic Regulations" of this catalog or the policy statement in the Office of the Registrar.

ADMISSION AS AUDITORS

Students who submit evidence of graduation from an accredited high school or a GED certificate which satisfies the minimum score requirement of the State of Georgia may register as auditors. Under extraordinary circumstances, the President may waive the requirement of a high school diploma or equivalent. Students registered as auditors shall be required to pay the regular fees for enrollment and shall be prohibited from receiving credit at any later time for course work that they completed as auditors. Prior to registration, students must complete a request for Audit of Course Form and indicate this category on the course schedule planning and registration form.

Faculty members of Savannah State University may attend classes offered by other faculty members without registering as auditors, but they may not receive credit.

UNIVERSITY SYSTEM EMPLOYEE ENROLLMENT/TUITION REIMBURSEMENT

Savannah State University and the University System of Georgia encourage full-time faculty, staff, and administrators to participate in professional development study by remitting or reimbursing tuition for those courses that have been authorized. These courses should be clearly related to employment consistent with the current Savannah State University guidelines regarding tuition reimbursement. Detailed information and forms are available in the Office of Human Resources.

Full-time employees who meet admission requirements and who receive prior authorization from their supervisor and the Director of Human Resources may register for up to six semester credit hours per term on a space available basis at Savannah State University.

Full-time employees who meet admission requirements and who receive prior authorization from Savannah State University may register for up to six semester credit hours per term at any other University System institution. Upon successful completion of the course with a grade of "C" or better, Savannah State University will reimburse its employees for tuition and fees.

Full-time employees from other institutions must meet Savannah State University admission requirements and receive prior approval from their institution. Any reimbursement of tuition and fees is the responsibility of the home institution of these employees.

ADMISSION OF INTERNATIONAL STUDENTS

Savannah State University subscribes to the principles of international education and to the basic concept that only through education and understanding can mutual respect, appreciation, and tolerance of others be accomplished.

Students from a country other than the United States who are interested in attending Savannah State University should write to the Office of Admissions, Savannah State University, Savannah, Georgia 31404, USA, and submit a completed application along with a \$10.00 application fee in the form of a money order or certified check. Applications must be submitted at least ninety days prior to the beginning of the anticipated semester of enrollment.

Applicants must have the equivalent of a USA high school diploma and the equivalent of a 2.0 minimum grade point average on academic work only (on a 4.0 scale).

Official transcript(s) of all academic records along with an official translation must be mailed to the Office of Admissions.

Applicants must provide evidence of English language proficiency through the TOEFL, ELS schools, or other institutionally approved programs. Language school records and scores from all tests must be sent to the Office of Admissions. The minimum acceptable TOEFL on the paper version is 500 the core on the computerized version is 173. Applicants must also take the SAT I or ACT.

Applicants may be required to take the Collegiate Placement Exam (CPE) or COMPASS and the Placement Writing Sample prior to registration.

Applicants must submit evidence of financial ability to pursue a full-time education in this country since no financial aid is available for international students. All international students are required to pay out-of-state tuition.

International students with a student visa are required to carry a full course of study in every semester, except summer. A minimum course load at Savannah State University is twelve semester hours for undergraduate students and nine semester hours for graduate students.

Resident aliens must present their Alien Registration card as proof of their official status to the Director of Admissions.

All international students must be prepared to obtain adequate health and accident insurance while they are attending Savannah State University. Prior to registration, they must provide proof of insurance and a local street address.

International students must take a proficiency test in both reading and writing (Michigan Test of English Language and a writing test) during their sophomore year. Students who fail either or both tests will be required to remediate.

After all of the above conditions have been met, the Immigration Form I-20 (Certificate of Eligibility) needed to obtain a student VISA will be issued to applicants. Refund of tuition and fees will be in accordance with the policies and procedures outlined in the University *Catalog*.

The University's international student advisor assists international students on campus and in the community. Scholarships are available through the Office of International Students. There is an active International Students Association.

INTERNATIONAL STUDENTS TRANSIENT ADMISSIONS

Transient students enroll temporarily for one term and plan to return to their home institution. Transients may enroll for a maximum of two terms and may earn a total of 36 semester hours. International students must take at least 12 semester hours each semester to maintain full-time student status. Summer enrollment is optional. Transient student status is temporary.

Transients must complete an undergraduate application for admission, pay a \$20.00 application fee by money order or certified check, and send a notarized copy of their I-20 form from their permanent institution. They must also provide a letter or form from the Office of the Registrar of their home institution, stating that they are in good academic standing and authorizing enrollment in specified courses at Savannah State University.

Transients should provide a letter from the international student advisor certifying their status based on U.S. Immigration policies and indicating that they are not in need of an extension on their I-20 form or student visa. All documents must be submitted by the semester deadline.

STUDENT EXCHANGE PROGRAM WITH ARMSTRONG ATLANTIC STATE UNIVERSITY

The Policy

Students who are enrolled at Savannah State University or Armstrong Atlantic State University and who are taking at least 12 semester hours at one institution have the privilege of taking courses at the other institution without paying more than the maximum fee for a full-time enrollment as long as the total number of hours does not exceed 17. For students who qualify to take an overload, the total hours can exceed 17. After successful completion of the exchange courses and appropriate documentation by transcript, the credit will transfer to the home institution.

Student Exchange Form Instructions

Students must complete the application and the exchange form at their home institution when they register for the succeeding semester, have the forms signed by the registrar at the home institution, and have the forms stamped paid by the cashier's office of the home institution when fees are paid. A printout of classes must be shown.

Students should then take the completed forms to the other institution's offices of admissions, registrar, and cashier to complete registration there. The forms will serve as proof of fee payment.

Students must complete an application for each semester of enrollment. Immunization forms must be on file at both institutions, and students must pay the appropriate application fee.

Upon successful completion of the course, students should request that the office of the registrar, at the exchange institution, send a transcript to their home institution.

COLLEGE CREDIT BY EXAMINATION AND EXPERIENCES

On the basis of scores on the College Board Advanced Placement Examination program, Savannah State University gives advanced placement, or in some cases college credit, for college-level, high school courses upon approval by the appropriate department chair at Savannah State University.

College credit may be granted for satisfactory scores on selected tests of the College-Level Examination Program (CLEP), for satisfactory completion of appropriate courses and tests offered through the United States Armed Forces Institute (USAFI), and for military service schools and experience as recommended by the Commission on Accreditation of Service Experiences of the American Council on Education. Credit by examination and correspondence or extension study may not exceed one-fourth of the work counted toward a degree.

COLLEGE CREDIT FOR MILITARY EXPERIENCE AND TRAINING

Students who wish to have their military experience and training evaluated for college credit should submit a copy of appropriate forms to the Office of Admissions. Veterans should submit DD Form 214, and active duty military personnel should submit DD Form 295. Active duty Army personnel and soldiers discharged since October 1, 1986, should also provide a copy of their Army/American Council on Education Registry Transcript.

ADMISSION AS A GRADUATE STUDENT

Prospective graduate students should request an application from the Office of Admissions and information on programming and requirements from the graduate office of the prospective program (see "Master of Public Administration and Master of Social Work").

Applicants for graduate study are expected to meet general admission requirements for graduate programs. Applicants should submit to the Office of Admissions two official transcripts of all courses attempted at the undergraduate level.

The Dean of the College of Liberal Arts and Social Sciences and the MPA Coordinator are responsible for determining admission to the Master in Public Administration (MPA) program. The Dean of College of Liberal Arts and Social Sciences and the MSW Coordinator are responsible for determining admission to the Master of Social Work (MSW) program.

DEFINITION OF LEGAL RESIDENCE

REGENTS' POLICIES GOVERNING THE CLASSIFICATION OF STUDENTS FOR TUITION PURPOSES

The following policies have been adopted by the Board of Regents for the purposes of determining the tuition status of students:

1. (a) If a person is 18 years of age or older, he or she may register as an in-state student only upon showing that he or she has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
- (b) No emancipated minor or other person 18 years of age or older shall be deemed to have gained or acquired in-state status for tuition purposes while attending any educational institution in this state, in the absence of a clear demonstration that he or she has in fact established legal residence in this state.
2. If a person is under 18 years of age, he or she may register as an in-state student only upon showing that his or her supporting parent or guardian has been a legal resident of Georgia for a period of at least twelve months immediately preceding the date of registration.
3. If a parent or legal guardian of a minor changes his or her legal residence to another state following a period of legal residence in Georgia, the minor may continue to take courses for a period of twelve consecutive months on the payment of in-state tuition. After the expiration of the twelve-month period, the student may continue his or her registration only upon the payment of fees at the out-of-state rate.
4. In the event that a legal resident of Georgia is appointed as guardian of a nonresident minor, such minor will not be permitted to register as an in-state student until the expiration of one year from the date of court appointment, and then only upon a proper showing that such appointment was not made to avoid payment of the out-of-state fees.
5. An alien shall be classified as a nonresident student, provided, however, that an alien who is living in this country under an immigration document permitting indefinite or permanent residence shall have the same privilege of qualifying for in-state tuition as a citizen of the United States.
6. Waivers: An institution may waive out-of-state tuition for
 - (a) nonresident students who are financially dependent upon a parent, parents, or spouse who has been a legal resident of Georgia for at least twelve consecutive months immediately preceding the date of registration, provided, however, that such financial dependence shall have existed for at least twelve consecutive months immediately preceding the date of registration.
 - (b) international students, selected by the institutional president or his authorized representative, provided that the number of such waivers in effect does not exceed the percentage allowed by the University System of Georgia of the equivalent full-time students enrolled at the institution in the fall semester immediately preceding the semester for which the out-of-state tuition is to be waived.
 - (c) full-time employees of the University System, their spouses, and their dependent children.

- (d) medical and dental residents and medical and dental interns at the Medical College of Georgia.
- (e) full-time teachers in the public schools of Georgia or in the programs of the State Board of Technical and Adult Education and their dependent children. Teachers employed full-time on military bases in Georgia shall also qualify for this waiver.
- (f) Career consular officers and their dependents who are citizens of the foreign nation which their consular office represents, and who are stationed and living in Georgia under orders of their respective governments. This waiver shall apply only to those consular officers whose nations operate on the principle of educational reciprocity with the United States.
- (g) military personnel and their dependents stationed in Georgia and on active duty unless such military personnel are assigned as students to System institutions for educational purposes.
- (h) selected graduate students at University-level institutions.
- (i) students who are legal residents of out-of-state counties bordering on Georgia counties in which an institution of the University System is located and who are enrolled in said institution.

Additional Resident Information

Individuals who enter Savannah State University as nonresident students but who wish later to qualify as legal residents must submit a Petition for Georgia Resident Classification, which can be obtained in the Office of the Registrar. Residence status is not changed automatically, and the burden of proof rests with students. Students are responsible for registering under the proper residence classification. Students classified as nonresidents who believe they are entitled to be reclassified as legal residents may petition the Registrar for a change in status. To avoid delay and inconvenience at registration, the petition must be filed no later than 60 working days prior to registration for the semester students are petitioning for in-state residence status.

Items to be included with Petition for Residency

A notarized statement verifying employment during the last 12 months should indicate dates of employment. Statements on company letterhead do not have to be notarized.

A copy of lease or deed showing residence during the last 12 months should be included. Leases or deeds in a name other than that of the student require a notarized statement of residence from the person holding the lease or deed.

A copy of the last Georgia Income Tax return or statement of intent to file current year tax or a certified copy of the student's parents' last Georgia Income Tax return (if the student is a dependent) should be submitted. [Note: A certified copy of a Georgia Income Tax return (Form 500) may be obtained by sending \$1.00 per page with a signed request, including the appropriate Social Security number to Georgia Department of Revenue, P. O. Box 38007, Atlanta, Georgia 30334. The Department of Revenue is located at 270 Washington Building, Room 700, Atlanta, Georgia, (404) 656-9236.]

Students should also include verification of voter registration in Georgia, a photocopy of their automobile tag receipt, and a photocopy of their driver's license.

Students who are resident aliens should include a copy of both sides of their resident alien card.

Students in the military should furnish verification of their home of Military Record (copy of form DD 214), a copy of their military orders indicating their duty station in Georgia, and a copy of their military identification card.

Legal guardians must verify the date of their court-appointed guardianship.

RIGHT OF APPEAL OF ADMISSIONS DENIAL

In all matters concerning admissions, the students may appeal by writing to the Director of Admissions and clearly stating the basis for an appeal. The request will be considered by the Admissions Committee.

A written appeal must be received in the Office of Admissions prior to 5 p.m. of the first day of registration for classes for the semester students are seeking admission or readmission to Savannah State University. Individuals failing to satisfy the deadline may submit their appeal for the following semester.

ACADEMIC POLICY AND REGISTRATION

ACADEMIC RENEWAL FOR RETURNING STUDENTS

Academic Renewal Policy:

Academic Renewal allows re-calculating GPA and credit hours toward graduation, based exclusively on work completed after returning to the University. This policy is for undergraduate students who have acquired maturity through extended experience outside course enrollment in higher education institutions. Students who qualify for academic renewal must

- Not have enrolled for credit in any courses, offered by academic/postsecondary institutions (accredited by one of the organizations recognized by Council on Postsecondary Education Association) for at least five years after the enrollment period subject to academic renewal;
- Be undergraduates who have not been awarded an associate or bachelor's degree; and
- Request academic renewal status within two academic semesters of re-enrollment or within one calendar year, whichever comes first.

Academic Renewal Procedures and Implementation Issues

Course work and grades earned prior to a five-year (or longer) separation period will remain on the transcript.

In consideration of any course work completed after the period of separation, only Savannah State University course work and subsequent transfer work will be used in the calculation of the overall GPA. This GPA (overall GPA) will be used for admission to programs/majors requiring a minimum grade point average.

Academic credit for previously completed course work, including transfer course work, will be retained only for all courses in which an A, B, C, or S grade has been

earned. Retained grades are not calculated in the academic renewal GPA. The course credit hours will count in the academic renewal hours earned.

Former Learning Support or Developmental Studies students may apply for academic renewal only if they successfully complete all Learning Support or Developmental Studies requirements before the commencement of the five years of absence.

Students who transfer from Savannah State University should recognize that the receiving institution is under no obligation to acknowledge the adjusted GPA. The receiving institution is expected to recognize only the cumulative GPA.

The academic renewal GPA will be used for determining academic standing and eligibility for graduation.

All courses will be considered in the implementation of the Board of Regents' Examination and College Preparatory Curriculum policy requirements.

Academic renewal can be approved only once. Once academic renewal is requested and approved, it cannot be reversed.

All courses will be considered for the determination of financial aid and/or veterans benefits.

To earn a degree, students must meet Savannah State University's residency requirements.

Past scholastic suspensions shall remain recorded on permanent records.

ADVISEMENT

All students at Savannah State University are assigned advisors who have the responsibility to assist students in planning and completing an appropriate academic program.

Academic deans provide general direction to the advising program, with department chairs coordinating activities within their respective areas and assigning advisors to regularly admitted students who have declared a major. Students admitted as "provisional," (i.e., with a deficiency in reading, writing, and/or mathematics) are advised by the faculty of the **Division of Learning Support** as to course load and Learning Support and institutional regulations. This advisement continues until students successfully exit the Learning Support Program. At this time, students who have chosen a major are assigned an advisor in the chosen area. Students who remain undecided as to a major will continue to be advised by the Division of Learning Support until they declare a major. The Registrar also assigns all other undecided majors to the Division of Learning Support for Academic Advisement. Students will continue to be advised in this manner until they select a field of study.

Students are required to plan their academic program with their advisors' assistance and to obtain the advisors' approval of courses each semester. Advisors provide counsel regarding the appropriateness of course selections, schedule hours, and monitor progress toward timely completion of a degree. In addition, advisors monitor the academic progress of advisees and assist them in evaluating their progress and in making decisions about their academic careers based upon that evaluation.

Advisors of junior and senior students concern themselves specifically with the students' progress toward graduation and maintain a continually updated record of courses taken and grades received. Advisors also assist advisees in completing the application for graduation and certify, to the Registrar, that all requirements have been met prior to the preparation of the application.

COURSES AT OTHER COLLEGES

Savannah State University students who are concurrently enrolled in courses for credit at another institution may not transfer such credit to Savannah State unless the appropriate dean or his designated representative gives written authorization.

CLASS ATTENDANCE

Savannah State University endeavors to provide optimum conditions for student learning. Class attendance is, therefore, required of students to ensure that they will be exposed to the many classes, laboratories, and related experiences provided for their benefit. Extenuating circumstances may at times make it difficult for students to attend every class meeting. Students who are unable to attend a class should notify the professor in a timely manner and arrange the conditions under which any required work may be made up. Credit may or may not be awarded for any course if the number of absences exceeds the number of times that the class meets per week. Students who exceed the allowed number of absences in any course may receive a grade of "F" or be administratively withdrawn. Students who are withdrawn at or before midsemester will receive a grade of "W"; students withdrawn after midsemester will receive a grade of "WF" unless extenuating circumstances occur (see "Grading System"). Students may not withdraw from Learning Support courses. Withdrawal from these courses results in an automatic cancellation of registration and withdrawal from the University. During the first week of each semester, professors will notify each class of the attendance policy, emphasizing what constitutes excessive absences and the penalty, therefore. Students may appeal any absence-related decision of a professor to the department chair, to the dean of the professor's college or director of the division, and ultimately to the Vice President for Academic Affairs.

SPECIAL POLICY FOR LIMITED SEATING CLASSES

Certain classes, such as computer lab classes, with limited seating are governed by a more stringent attendance policy. These classes are identified in the catalog and/or registration schedules as "limited seating classes." In these cases, students must attend the first class session or notify the instructor immediately that they will be absent. Failure to comply with these requirements may result in the immediate removal (withdrawal) from the class. The seat may be reassigned. When circumstances prevent their attending the first session, students are responsible for notifying instructors or the administrative unit head (department chair or dean of the professor's college). First day withdrawals will be assigned a grade of "W" by the instructor. Such withdrawals may also impact financial aid classification if students' academic load then falls below the required minimum.

CALCULATING THE CUMULATIVE AVERAGE

Determinations of scholastic standing are generally based upon a cumulative grade point average which appears on each student's permanent record. The cumulative grade point average is calculated by dividing the total number of grade points earned in academic courses at Savannah State University by the total number of academic credit hours attempted at Savannah State University. Credits earned at other institutions, credits by examination, credits which carry S/U grades, institutional credits, and credits specifically excluded by University policy are not used in

computing the cumulative grade point average. The University counts the last course grade, hours, and quality points if a course is repeated. All grades remain on the transcript. Adjusted grade point averages are computed each semester.

CLASSIFICATION

Students are classified on the basis of earned academic credit hours as follows:

Freshman – fewer than 30

Sophomore – 31-60

Junior – 61-90

Senior – 91 or more

Throughout the semester, students remain in their classification at the time of registration.

UNIVERSITYWIDE TESTING PROGRAM

Tests administered at the University include Graduate Management Admissions Test (GMAT). Law School Admission Test (LSAT). Scholastic Aptitude Test (SAT I and II), American College Test (ACT), the College Level Examination Program (CLEP), and Collegiate Placement Examination (CPE).

Applications are available for the tests previously mentioned in addition to the Graduate Record Examinations (GRE), Medical College Admission Test (MCAT), the PRAXIS Series (Professional Assessments for Beginning Teachers), and the Test of English as a Foreign Language (TOEFL).

THE REGENTS' TESTING PROGRAM

The Board of Regents of the University System of Georgia requires each institution of the University System to ensure that students earning a degree from that institution possess minimal skills in reading and writing. The Regents' Testing Program has been developed to provide this assurance. The objectives of the Testing Program are to provide system-wide information on the status of student competence in reading and writing and to provide a uniform means of identifying students who fail to attain minimum levels of competence in reading and writing. Students enrolled in undergraduate degree programs leading to the baccalaureate degree must pass the Regents' Test as a requirement for graduation.

Specific Policies

Students must take the test no later than the first semester of their sophomore year.

Students who have not previously taken the test must do so in their first semester enrolled after accumulating 30 credit hours.

Students transferring into the University with 30 or more credit hours from outside the university system (or from a system program that does not require the Regents' Test) should take the test during their first semester enrolled.

Students who have not successfully completed both the reading and writing portions of the test by the time they earn 45 credit hours are required to enroll in appropriate remedial course(s) during the next semester enrolled and take the test.

Exceptions

Students holding a baccalaureate or higher degree from a regionally accredited institution of higher education are not required to complete the Regents' Test to receive a degree.

Students whose native language is other than English must take the Savannah State University English Competency Test for International Students in lieu of the Regents' Test. (Such students are subject to the other provisions of the Regents' Test policy regarding eligibility and remediation.)

First semester-students meeting specific criteria (outlined in the *Regents' Examination Policy Manual*) may sit for the test during their first semester enrolled.

Students with documented learning disabilities or visual, auditory, and motor handicaps which require special testing accommodations should contact the Office of Testing in Whiting Hall or the Student Counseling Center in the King-Frazier Complex for assistance with special accommodations for testing.

Remedial Program for the Regents' Test

"Appropriate remedial program" for the Regents' Test is defined as successfully completing English 0092 (Writing) and/or English 0093 (Reading) – depending on which portion of the test students have failed. Students must successfully complete the appropriate course before again sitting for the test.

Students sit for the test during the semester in which they complete the remedial course. Students who fail to do so will be re-enrolled in the remedial classes during the next semester enrolled. They must sit for the test that same semester.

Students enrolled in one remedial course may register for no more than nine additional credit hours.

Students enrolled in two remedial courses may register for no more than six additional credit hours.

Students who fail to exercise these options are required to enroll in the appropriate remedial course in the next semester enrolled and are limited to register for no more than three additional credit hours (if one remedial course is required) or zero additional credit hours (if two remedial courses are required).

Savannah State University students who may be jointly enrolled at other System schools are required to take their Regents' test remedial courses at Savannah State University unless permission is otherwise granted by the Office of the Registrar with approval from the Coordinator of the Regents' Remedial Program in the Department of Humanities.

Student Responsibility

Students are responsible for complying with all policies regarding the Regents' Test. Failure to take the test at the designated time will result in disciplinary action ranging from reprimand to cancellation of registration or suspension, depending upon the severity of the noncompliance.

Essay Test Review Policy

The Regents' Test itself and the scoring criteria are not subject for review. Students may have their essays reviewed, but under review, scoring will follow the normal holistic procedure where three qualified readers review the essay and report their independent findings.

1. Students may request a formal review of failure on the essay component of the Regents' Test if that essay received at least one passing score among the three scores awarded and if they have completed English 1101 and 1102.
2. Students must initiate the review procedure by mid-term of their first semester of enrollment after the semester in which the essay was failed. The review must be initiated, however, within one calendar year from the semester in which the failure occurred.
3. The review will be initiated at Savannah State University. Students complete the "Request for Review" form available at the Office of the Regents' Test Coordinator. The Regents' Coordinator will determine the eligibility based upon the criteria in paragraphs 1 and 2 above. The review, if warranted, will be conducted by a three-member panel appointed by the Vice President for Academic Affairs or his designee and designated as the on-campus review panel.
4. The on-campus review panel may (1) sustain, by majority opinion, the essay's failing score, thus terminating the review process, or (2) recommend, by majority opinion, the re-scoring of the essay by the Regents' Testing Program central office. The Regents' Test Coordinator will notify students of the results of the on-campus review.
5. If the on-campus review panel recommends re-scoring of the essay, the Regents' Test Coordinator will transmit that recommendation in writing along with a copy of the essay, to the Office of the System's Director of the Regent' Testing Program.

The System's Director will utilize the services of three (3) professors experienced in scoring Regents' essays. These will be persons not involved in the original scoring. The decision of this panel on the merits of the essay will be final, thus terminating the review process. The Regents' Test Coordinator will notify the student of the results of the review.

6. All the applicable regulations of the Regents' Test Policy remain in effect for those students whose essays are under review, including those regulations relating to remediation and to retaking the test.

Registration Procedures for the Regents' Exam

The Director of Testing, whose office is located in Whiting Hall, will publish the dates and times for students required to take the Regents' Test each semester. Students are notified of the Regents' Examination requirement on their Registration Form. Failure to take the test at the prescribed time will result in disciplinary action ranging from a reprimand to a suspension.

University Testing Program

The Office of Testing at Savannah State University administers the required testing programs both to students who apply for admissions and those who are enrolled. Tests as required by the University System of Georgia which are administered by the

Office of Testing include the Collegiate Placement Examination and COMPASS (The Computer-Adaptive Placement Assessment and Support System) as well as the Regents' Examination, which is required for graduation. Savannah State University also serves as a national testing center for Educational Testing Services and the American College Testing program.

GRADES

GRADE CHALLENGES BY STUDENTS

Students who feel that they have received an unfair grade in any course should meet with the instructor within 7 calendar days of the first day of class of the next semester (excluding summer) in an effort to effect a resolution. If no satisfactory resolution is effected, students may, within 7 days after meeting with the instructor, challenge the grade by writing a letter of appeal to the chair of the department in which the course was offered. If the instructor is also the chair of the department, the appeal letter should be addressed to the dean of the College in which the course was offered. This procedure must be accomplished within 14 days of the first day of classes of that semester. If a resolution satisfactory to the student is not effected, the department chair or college dean may appoint a review committee (exclusive of the dean, department chair, and the instructor). The review committee, after hearing both the instructor and the student, submits its report and recommendation(s) to the chair, dean, or director of division, who then submits the report and recommendation to the Vice President for Academic Affairs. Upon accepting a recommendation to change a grade or upon reversing a recommendation not to change a grade, the Vice President directs the Registrar to make the appropriate change. The Vice President or his designee shall communicate final decisions to students. In order for the department chair, dean, or director of division to grant a hearing, students must present adequate evidence of unfair grading.

CHANGES IN GRADES

Once a grade has been reported to the Registrar, it can be changed only under either of the following conditions:

- The instructor presents to the dean of the college conclusive, documentary evidence that the grade was reported in error;
- The instructor follows the procedure of removal of an I (Incomplete) grade; or
- A committee appointed to conduct a hearing of a student's challenge of a grade recommends a change, and the Vice President for Academic Affairs accepts that recommendation.

GRADING SYSTEM

The University uses letters to indicate quality of academic work. "A" is the highest grade; "D" is the lowest passing grade, except when a "C" is required. Grade distinctions and quality points values are

Grade	Meaning	Point Value Per Credit Hour
A	Excellent	4
B	Good	3
C	Average	2
D	Poor	1

F	Failure	0
W	Withdrew	0
WF	Withdrew, Failing	0
I	Incomplete	0
P	Passing	0
S	Satisfactory	0
U	Unsatisfactory	0
IP	In Progress	0
V	Audit	0
K	Credit	0
NR	Not Reported	0

The grade “F” indicates a failure to meet the minimum requirements of a course.

Students who earn the grades of “D” or “F” in courses in Areas A and F of the core curriculum must repeat these courses. Additionally, students who earn grades of “D” or “F” in major, minor, or professional education courses must repeat these courses.

The following grades are not included in determining the grade point average.

W (Withdrawal) — This symbol indicates permission to withdraw without penalty. Such withdrawals will not be permitted after the midsemester point of the grading period (including final examinations), except when students in good standing are experiencing hardships as determined by the Vice President for Academic Affairs.

I (Incomplete) — This symbol indicates that students were doing satisfactory work, but, for non-academic reasons beyond their control, were unable to meet the requirements of the course. Students may remove the “I” by completing the remaining requirements within two semesters of residence; otherwise, the Registrar will change the grade of “I” to the grade of “F.” Students are responsible for initiating the completion of requirements with the instructor.

S (Satisfactory) — This symbol indicates completion of requirements in Learning Support or the Regents’ remediation course(s).

U (Unsatisfactory) — This symbol indicates failure to pass the Regents’ Test and continued required enrollment in the Regents’ remediation course(s).

IP (In Progress) — This symbol indicates satisfaction of Learning Support classwork requirements but not of the Learning Support exit examination (CPE/COMPASS).

V (Audit) — This symbol indicates permission to sit for a course without receiving quality points or a grade other than “V.” Students may not transfer from audit to credit or vice versa. Students may register on a credit basis for a course that has previously been audited.

K (Credit) — This symbol indicates credit for the course via a credit by examination program approved by the faculty of the University. A “K” may be assigned for courses that have previously been audited if institutional procedures for credit by examination are followed.

NR (Not Reported) — This symbol indicates no grade reported by the instructor.

REPORTING OF GRADES

At midsemester and at the end of the semester, faculty submit to the Office of the Registrar the grade reports for each class. At the end of each semester, students receive a grade report noting the grades and credit hours earned in each course in which they were enrolled, grade-point average for the semester, cumulative grade-point average, and academic standing.

Midsemester grade reports indicate deficiencies for students whose current work in a course is below the "C" level.

GRADUATION WITH HONORS

Graduation with honors requires a minimum attendance period of four semesters and completion of at least sixty hours at Savannah State University. In addition, students who graduate with honors must attain the following grade-point averages the entire period of attendance:

Cum Laude	3.00
Magna Cum Laude	3.30
Summa Cum Laude	3.75

Due to processing and final evaluation time constraints, Spring Semester grades for May graduation and Fall Semester grades for December graduation will not be used in computing the GPA for honors. After May and December graduations, the GPA is rechecked for honors qualifications; the honors designation will then be added to the record of students who qualify.

DEGREE AND GRADUATION REQUIREMENTS

EXIT EXAMINATIONS

As conditions of graduation, the University and academic departments may require students to take additional competency tests appropriate to their programs of study. Information relative to these tests is available in the academic departments.

Students failing to demonstrate required proficiency on any competency test may be required to complete additional courses to correct the deficiency. Courses required and completed under this provision may be with or without academic credit and may be required without regard to prior course credits in these disciplines.

GRADUATION

Degrees will be awarded only to students who meet academic standards and residency requirements of an academic college. Degrees are conferred formally at commencement exercises at the end of the Fall and Spring Semesters (see Graduation with Honors).

APPLICATION FOR GRADUATION

All candidates for a degree must file a formal application for graduation with the Office of the Registrar. Candidates should apply two semesters preceding their expected graduation date. The Registrar will inform the academic departments when the application is filed. The department will conduct an audit and inform students of

any remaining requirements. The Registrar conducts an independent audit to ensure that all degree requirements have been satisfied.

GENERAL REQUIREMENTS FOR THE BACCALAUREATE DEGREE

1. A minimum of 120 semester hours, exclusive of the required health, physical education, and freshman orientation courses;
2. A scholastic average of 2.0 or higher;
3. Satisfactory completion of the minimum requirements of the Core Curriculum as outlined for Area A, B, C, D and E;
4. Satisfactory completion of core courses (POLS 1101 and HIST 2111 or HIST 2112) designed to give students proficiency in United States and Georgia history and government;
5. Satisfactory completion of the University System of Georgia Regents' Examination;
6. A prescribed college or departmental major (such as business administration, chemistry, or engineering technology) or a major of at least 30 semester hours in one department and a minor of 15-21 hours, with no grade below "C" in major, minor, or special subject requirements. (Certain major courses must be taken in residence at this university);
7. Residence of at least one year at Savannah State University (During their senior year, students are required to spend a minimum of 30 semester hours in residence); and
8. Completion of all the aforementioned requirements within eight calendar years. The University reserves the right to allow exceptions to the requirements when recommended by the chair of the department in which the student is majoring.

NOTE: Graduation requirements include a 2.00 minimum grade point average for undergraduate degrees. The computation of this graduation grade point average will include only the final attempt in courses which have been repeated. With the preceding exception, the grade point average will be computed in the manner prescribed in the Grading System and Calculating the Cumulative Grade Point Average sections of the general catalog. Credits earned at other institutions or by examination and courses which carry S/U grades are not used to compute the grade point average.

All incomplete grades for previous semesters must be received in the Office of the Registrar in writing thirty (30) days prior to graduation date or completion of academic requirements. Students are responsible for seeing that incomplete grades are properly recorded.

Students exempted from taking required credit hours of physical education courses must take the same number of credit hours of electives to replace graduation requirements for physical education.

ACADEMIC PROBATION AND SUSPENSION

Savannah State University is designed for serious-minded students who can profit from an institution of higher learning. Students who fail to fulfill the scholarship requirements of the Institution are subject to scholastic discipline. At the end of each semester, the Office of the Registrar computes cumulative grade point averages in order to determine the academic standing of all students in residence. Prior to notification of students and their parents or guardians of the students' academic probation, suspension, or dismissal, the Registrar shall notify the Vice President for Academic Affairs and other appropriate personnel.

1. Students who earn a "D" or "F" in English 1101, English 1102, Math 1111, or Math 1113, or in any required major or minor course must repeat the course during the next semester they are enrolled.

2.	Stages of Progress Semester Hours	Minimum Cumulative Grade Point Average
	1-30	1.5
	31-60	1.7
	61+	2.0

Students whose cumulative grade average at the end of any semester is at or above the minimum grade point average for their appropriate stage of progress will be considered in *good standing*.

Students will be placed on *academic warning* when their cumulative grade point average falls below the minimum grade point average for their stage of progress.

Students on academic warning will be placed on *academic probation* if their grade point average is not raised to the satisfactory level for their stage of progress at the end of the semester of academic warning.

Students who do not achieve the cumulative grade point average for their stage of progress, but who do maintain a 2.0 grade point average during their probationary semester will *remain on probation for the next semester* of attendance.

Students who do not raise their grade point average to the minimum level for their stage of progress or who do not achieve a 2.0 grade point average during their probationary semester will be *suspended* from the University and must reapply for admission.

3. Students on probation (1) must register for at least nine hours if they are resident students (six hours if they are commuting students) but not more than twelve hours which is still considered a full load; (2) must repeat all courses in which they earned the grade of "F" if these courses are prescribed in their curriculum; (3) must repeat all courses in their major and minor concentration in which they earned a grade of "D" or "F"; (4) must repeat English 1101, English 1102, MATH 1111, and MATH 1113 if they earned the grade of "D" or "F" in these courses; (5) must report to their academic advisor for counselling immediately after being notified of probationary status, and (6) will not be permitted to represent the University or hold office in any university organization.
4. Students who do not remove probationary status within two semesters will be suspended for one semester unless they achieve a 2.00 average during the second semester of the probation period. Thereafter, these students will remain on probation as long as they continue to earn a 2.00 average for each semester of enrollment.

5. **Students who fail all of their classes during a given semester or who withdraw from all of their classes without an approved withdrawal from the University will not be permitted to enroll for the succeeding semester.**
6. Students who have been suspended for academic reasons may be readmitted when they have applied for readmission at least thirty (30) days prior to the beginning of the semester when they anticipate return and have submitted evidence of increased motivation and maturity.

The University reserves the right to deny admission to students who have been suspended for academic reasons.

7. Applications for readmission are considered by the Committee on Admissions on the basis of detailed information concerning the cause of failure, academic goals, entrance tests, college grades previously earned, length of absence, motivation, outside commitments, and recommendations from appropriate personnel.
8. Student who have been readmitted will be allowed two semesters to remove probationary status; however, those who maintain a minimum grade point average of 2.00 each semester may continue on probation. Failure to fulfill these conditions will result in dismissal.

After one year of suspension, those students who can convincingly demonstrate a change of attitude toward academic responsibilities may petition the Academic Committee of the University for readmission.

SAVANNAH STATE UNIVERSITY HONORS PROGRAM

Purpose and Goals

The Savannah State University Honors Program maintains a community of academically talented students. It provides the students with opportunities for intellectual growth and for high achievement. The advantages of participation in the honors program are numerous, for the program is highly competitive and multifaceted. The general education honors core is the same as the University's general education core; however, honors students study at an accelerated pace and have a myriad of activities on and off campus. Honors students are able to network with other students who are highly motivated. The program is designed to assist students in their preparation for graduate and professional study and ultimately to assume leadership roles.

Admission Requirements

Freshmen applicants for admission to the Savannah State University Honors Program must meet the following requirements:

- Rank in the upper 25 percent of their high school class and/or
- Achieve a minimum SAT score of 900/GPA 3.5 or SAT score of 1200+/GPA 3.30;
- Meet the general admission requirements of the University; and
- Have a strong college preparatory background in English, mathematics, and/or science.

Transfer students who wish to enter the Savannah State University Honors Program should apply to the director of the program. They should also present transcripts

of their previous college work and any SAT I, ACT, and Advanced Placement Scores. However, since the core of the honors curriculum is offered in the freshman and sophomore years, transfer students should seek admission to the University as soon as possible.

Academic Requirements And Credit

Honors students are required to enroll in and successfully complete a minimum of 15 credit hours each semester. Students who do not maintain a cumulative grade point average of 3.50 or above will be placed on honors probation the following semester. If the standard is not met at the close of the probation period, the students will be suspended from the honors program, but they may appeal the decision through proper administrative channels and apply for readmission.

General Education Honors Core

Students in the honors program must complete a minimum of 10 hours in each honors core area—humanities, mathematics and science, and social science.

CAMPUS HONOR SOCIETIES

SOCIETY

Alpha Kappa Mu
Beta Beta Beta
Beta Kappa Chi
Pi Gamma Mu
Sigma Tau Delta
Tau Alpha Pi
Phi Alpha

ACADEMIC AREAS

All Areas
Biology
Sciences
Social Sciences
English
Engineering Technologies
Social Work

RECOGNITION OF EXCELLENCE IN SCHOLARSHIP

Persons who have not been subject to disciplinary action while earning superior grades and who have not incurred any academic deficiencies are eligible for honors status as indicated:

Students who maintain an average of "B" in a full Program (12 hours) during a semester are eligible for listing on the Honor Roll.

Students who maintain an average of 3.50 or higher in a full Program (12 hours) during a semester will have their names placed on the Dean's List.

Students who maintain a 4.0 average in a full Program (12 hours) are designated Presidential Scholars.

Students who maintain an average of 3.00 during any semester may obtain permission to take additional hours during the following semester, the total not to exceed twenty hours.

CLASS REGULATIONS

Student Load — Undergraduate

The University policy governing semester academic course load for full-time status is as follows: freshmen (12 credit hours, minimum; 16 credit hours, normal; 17 credit

hours, maximum), and sophomore, juniors, and seniors (12 credit hours, minimum; 16 credit hours, normal; 18 credit hours, maximum). Students are generally expected to enroll in at least 15 hours per semester.

Under ordinary circumstances students may enroll in courses up to but not in excess of fifteen (15) semester hours. Students who maintain an average 3.00 during any semester may secure permission to take additional hours during the following semester, the total not to exceed eighteen (18) semester hours. **Exceptions may be made for students who are within two semesters of graduation. For these students, the total hours carried for credit may not exceed twenty (20).** Advisors must recommend this overload to the dean.

Student Load — Graduate

Full time load for graduate students is 9 credit hours; maximum load for graduate students is 12 credit hours.

Adjustment of Classes (Dropping)

Students desiring to adjust class schedules should secure the drop/add forms from their academic department, obtain the signatures of instructors for the class(es) they are adding and/or dropping, and take the forms to the cashier's and finally the Office of the Registrar for computer processing. The last day to withdraw without penalty (W grade) is at mid-term of each semester. After that time, students who withdraw will be assigned a penalty grade (WF). The penalty grade is included in the calculation of semester grade point averages.

Withdrawing from the University

Students who feel that the circumstances require their withdrawal from the University may do so by filing the appropriate forms in the Office of the Vice President for Academic Affairs.

Students who withdraw after the mid-term of each semester (see Academic Calendar and the Semester Schedule of Classes) will receive the grade of "WF" except in cases of hardship as approved by the academic dean in consultation with the Vice President for Academic Affairs. Students should initially petition the Vice President for Academic Affairs for relief due to extenuating circumstances resulting in undue hardship.

The Vice President for Student Affairs, counselors, and advisors will counsel with the student in an effort to determine whether the circumstances are such that the University can provide a remedy which will make it possible for the student to remain in school. If such remedy cannot be afforded, the Vice President will formally approve the request for withdrawal and forward the appropriate forms to the offices of Financial Aid, Cashier, Registrar, and the Vice President for Business and Finance.

Students who withdraw without giving formal notice will forfeit claims for any refunds.

The last day to withdraw from all classes for the semester will be the last day of scheduled classes.

STUDENT INFORMATION

ACCESS TO STUDENT RECORDS

Savannah State University is covered by the Family Educational Rights and Privacy Act of 1974, as amended (FERPA), which is designed to protect the students' rights with regard to education records maintained by the institution. Under the Act, students may inspect and review their own education records maintained by the institution that challenge the content of records (except grades which can only be challenged through the academic appeal procedure) on the grounds that they are inaccurate, misleading or in violation of privacy or other rights; and control disclosures from educational records with certain exceptions.

Savannah State University's policy on "Access to Student Records" complies with the provisions of FERPA. A copy of this policy and a copy of a summary of the FERPA regulations may be obtained in the Office of the Registrar. Students also have the right to file complaints with the FERPA Office of the Department of Education, Washington, D.C. 20201.

RELEASE OF DIRECTORY INFORMATION

Directory information will be treated as public information and generally will be available on all students and former students at the discretion of the University.

Directory information includes the students', date and place of birth, major field of study; height, weight, age, hometown, hobbies, participation in officially recognized activities and sports, general interest items of members of athletic teams, dates of attendance, degree applied for or received, honors and awards received, and previous educational institutions attended.

Students or parents of students who are under eighteen (18), may refuse to permit the release of any or all of the categories of directory information until the end of Spring Semester by submitting a written request to the office of the Registrar within ten (10) days of the beginning of any academic semester during which the students are enrolled. This time requirement is necessary to insure that directory information which is withheld is not included in the various university publications during the year. Of course, requests to withhold the release of directory information will be honored at any time, but the university cannot be reasonably certain that some directory information will not be released if the aforementioned time limits are not met. The student directory is usually published during the Fall Semester. Requests received after press time cannot be honored. Information from this and similar publications cannot be deleted after printing, and previously released information cannot be recalled.

Inquiries from news media about students or former students should be made to the Director of Communications and Community Relations. Due to the unpredictable nature and immediacy of media inquiries, notice cannot be given of media releases (non-athletic). Students or former students who wish to have directory information withheld should notify the director of Communications and Community Relations prior to the anticipated date of any media inquiry.

Change of Address

Students are responsible for notifying the Office of the Registrar of any change in address. The mailing of notices to the last address on record constitutes official notification.

STUDENT ACADEMIC GRIEVANCE APPELLATE PROCEDURES (DISCIPLINARY)

Original Jurisdiction

All student grievances of an academic nature in the University shall rest with the individual departments for a decision. Students may accept this decision or make an appeal. This step is handled by the Educational Policy Committee.

Right of Appeal

Appeals shall be available to every student in an academic grievance proceeding against the University. Within forty-five (45) working days, students must file the appeal with the department chair.

Appellate Procedure

When a decision of original jurisdiction has been rendered, the grievant shall have seven (7) working days to appeal this decision. All appeals shall be in writing and supporting documents presented to the dean of the college.

Within three (3) days, appellants shall be given, in writing, all charges upon which the original decision was based as well as all necessary information for the appellate hearing procedures. Appellants shall be guaranteed a speedy hearing, yet given adequate time to prepare their defense.

Jurisdiction of Appeal

The Vice President for Academic Affairs shall make the decision regarding all appeals. The Vice President shall have the prerogative of either creating a special committee or using an independent officer to assist in hearing the case.

Rights of Appellant

Grievants shall have the right to be present when all evidence is presented against them and all witnesses appear, have an advisor (non lawyer) present to assist throughout the proceedings, cross-examine witnesses, present evidence by witness or affidavit, and present evidence by deposition when a witness is unable to appear.

Hearing Procedures

A record shall be kept of the entire proceedings, either by tape or stenographer. The hearing will commence by a reading of the charges and the decision of the department of original jurisdiction. Evidence will be presented to sustain the decision.

Veterans, Disability, and War Orphans' Benefit

Savannah State University maintains a veterans coordinator in the Office of the Registrar to certify and assist students who are eligible for veterans benefits and to coordinate veterans affairs.

Veterans who wish to attend Savannah State University under any of the veteran's benefits programs provided by public law should apply to the Savannah State University Office of Admissions in the normal manner. It is advisable for veterans who have not previously used any educational benefits to apply to the Veterans Affairs (VA) Regional Office for those benefits, and for veterans who will be transferring to Savannah State from another institution where educational benefits were received to process a "Request for Change of Program or Place of Training" form with the VA Regional Office concurrently with their application to Savannah State University. As soon as the Savannah State University Office of Admissions notifies applications of their acceptance to the University, applicants should contact the SSU veterans coordinator for further instructions.

Although additional information is contained on the application for benefits and the informational sheet which must be completed in the Office of the Registrar, veteran students should pay particular attention to the following:

1. Veterans may be certified for benefits only after having been accepted to and while attending in a designated degree program (except for students enrolled in the Division of Learning Support or in certain certification programs). Students classified as non-degree (ND), post-graduate (PG) or post-baccalaureate (PB) will not be certified for benefits while attending in those classifications, unless enrolled in an approved certification program.
2. Students may be certified for only those courses which apply to their formal and designated degree objective. Certain required remediation and/or prerequisite courses may be certified for benefits, but only if those courses are specifically required of the student, and the requirement is appropriately documented in the Office of the Registrar.
3. Students receiving benefits are required to notify the veterans coordinator whenever their attendance in a course or program is interrupted, or whenever the students formally change degree objectives. Failure to do so may result in an overpayment of benefits. Students are liable for overpayments.
4. Students may not be certified for repeated courses unless the repetition is required by academic policy which is specified in the University catalog.
5. Savannah State University defines a normal full-time load for undergraduate students as 12 semester hours. Undergraduate students who carry fewer than 12 semester hours will not be certified as full-time.
6. Continuing students who wish to continue to receive benefits must renew their certifications through the veterans coordinator each Fall and Spring Semester. Students whose attendance was interrupted must renew their certifications at the beginning of the next semester of attendance in which they wish to receive benefits. Learning support students, active duty military personnel, and students attending on a less-than-half-time basis must renew their certifications each semester. These students who are certified on a semester basis will routinely experience a break in benefit payments between terms and should contact the Veterans Administration Regional Office to ascertain the amount and schedule of their checks.

7. Veterans with discharges (DD-214) are exempted from taking physical education (P.E.) courses. They can provide copies of their DD-214 and receive up to 6 credit hours of P.E. Veterans should be prepared to pay their own tuition and fees if they have not applied for advance pay at least 40 days prior to the beginning of the semester.

FINANCIAL AID

APPLICATION FOR FINANCIAL AID

Students applying for financial aid must complete the Free Application for Federal Student Aid (FAFSA) or the renewal FAFSA if they have received aid before from the Federal Student Aid Programs. They must answer all questions on the form and list Savannah State University as one of the institutions they plan to attend. In approximately four weeks, they will be mailed a Student Aid Report (SAR).

Students are expected to provide documents, records, and materials promptly. Their files must be complete by April 15 to get priority consideration for financial assistance, and they must be admitted to the University.

Deadlines for processing financial aid applicants are as follows:

Fall Semester - June 1

Spring Semester - November 1

Summer Semester - April 1

Students who fail to submit paperwork by the deadline will not be awarded financial aid for the particular semester and may become ineligible to receive certain funds from a particular program.

Students who have previously attended other colleges must submit a financial aid transcript from each school attended.

FEDERAL FINANCIAL AID PROGRAMS (TITLE IV PROGRAMS)

The Office of Financial Aid administers the following U.S. Department of Education student financial aid programs: Federal Pell Grants, Federal Direct Loans, Federal Supplemental Educational Opportunity Grant (FSEOG), Federal Work Study (FWS), and Federal Perkins Loans. State of Georgia programs administered by the Office of Financial Aid include the Student Incentive Grant Program and the HOPE Scholarship Program.

In order to be eligible, students must have financial need, have earned a high school diploma or a GED certificate, be a U.S. citizen or eligible noncitizen, have a valid Social Security Number, make satisfactory academic progress, register with Selective Service if applicable, not be in default on a student loan, and not owe a refund on a previous federal student grant.

Federal Pell Grant

Undergraduate students who have not earned an undergraduate or professional degree are eligible for Pell Grants. These grants provide a foundation of financial aid to which other aid may be added. Savannah State University's Office of Financial Aid requires that all students seeking financial aid apply for the federal Pell Grant.

Federal Supplemental Educational Opportunity Grants

The Federal Supplemental Educational Opportunity Grant (FSEOG) is for undergraduates who have exceptional financial needs. These include students with the lowest Excepted Family Contributions (EFCs), and gives priority to students who receive federal Pell Grants. The average yearly award ranges from \$300 to \$1,500.

Federal Work-Study

The Federal Work-Study Program provides jobs for undergraduate and graduate students with financial needs. The program encourages community service work and work related to the students' course of study.

Federal Perkins Loan

A Perkins Loan is a low-interest (5%) loan for both undergraduate and graduate students with exceptional financial needs. Repayment for this loan begins six months after enrollment at the University ends.

Federal Direct Loan

Low-interest loans for students and parents (PLUS) are available through the Federal Direct Student Loan Program. Under this program, the federal government makes loans directly to students and parents through schools.

FFEL Stafford Loan

This is a federal loan program that is awarded based on student need. Interest rates are low, and repayment terms vary.

Required Loan Counselling

First-time borrowers in the student loan program at Savannah State must attend a loan counselling session before any loan funds can be credited to their account or disbursed to them. Loan counselling sessions are held each Wednesday at 10:00 a.m. and 2:00 p.m. All borrowers are required to show proof that they attended a loan counselling session before the cashier's office will release loan funds.

Student Incentive Grant

The Student Incentive Grant is a joint federal and state grant program for Georgia citizens. At Savannah State University, these grants range from \$300 to \$900 a year. Awards are not made for the summer term.

HOPE Scholarship Program (Helping Outstanding Pupils Educationally)

The HOPE Scholarship provides funds for tuition not covered by the Federal Pell Grant or other federal grant programs. Students eligible to receive a HOPE scholarship must have graduated from high school with a grade point average of 3.0, continue to maintain a 3.0 at a Georgia college or university, apply for a federal Pell Grant, meet Georgia residency requirements, be a U.S. citizen, meet selective service registration requirements, not be in default or owe on federal or state financial aid, and maintain satisfactory academic progress. Also, they must have a completed file

in the Office of Financial Aid by mid semester of the term in which they expect to receive payment; otherwise, payment will not be made for that particular semester.

Institutional Work Program

The Savannah State University student employment program helps students locate part-time employment within various departments on campus.

Scholarships

Savannah State University offers scholarships to students from private, federal state and university-funded sources.

Approximately 75 funds and their award criteria are summarized in a scholarship brochure, which students may obtain from the Office of Admissions, the Office of Institutional Advancement, and several departments in the colleges of Liberal Arts and Social Sciences, Sciences and Technology, and Business Administration. In addition, students may visit the Office of Institutional Advancement, to inquire about other special scholarship programs such as the Presidential Scholarship, which is based on grades, test scores, citizenship, and exemplary leadership qualities.

While scholarship applications are accepted throughout the year, December 31 is the official application deadline to be considered for an award during the following academic year. The SSU Scholarship Committee reviews applications and announces scholarship awards in February.

Applications are available in the offices of Admissions and Institutional Advancement. For more information, call (912) 356-2286.

Athletic scholarship information is available through the Athletic Department at (912) 356-2278.

ROTC Scholarships

Army and Navy ROTC Scholarships are available. The Captain of the Army ROTC Program at (912) 356-2440 and/or the Commander of the Navy ROTC Program (912) 356-2206 can provide information regarding these scholarships.

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS: STUDENTS RECEIVING FEDERAL STUDENT AID

Savannah State University is required by the U.S. Department of Education (Title IV) to establish minimum standards of satisfactory academic progress. Satisfactory academic progress means that the student is proceeding in a positive manner toward fulfilling degree requirements. The satisfactory academic progress policy includes two major components: quality and quantity. The financial aid director has the authority to use professional judgement in matters pertaining to satisfactory academic progress.

Quality and Quantity

Qualitative progress measures students' success by analyzing their cumulative grade point average (GPA). Quantitative progress measures students' progress

toward completing their degree in a timely manner. The Office of Financial Aid measures satisfactory progress each year at the end of Spring Semester.

Standards for Undergraduate Students

Students will be suspended for one semester if their cumulative GPA is below the level required for a designated number of total credit hours attempted:

Hours Attempted	Required Minimum GPA
0-30	1.50
31-59	1.75
60+	2.00

Total hours attempted consist of all hours attempted at Savannah State University, including courses with a grade of W. Transfer credit is not included in the computation of the cumulative grade point average for financial aid, but it is considered when determining classification.

Students who receive financial aid and then withdraw from the Institution will be put on financial aid suspension immediately. Students who receive financial aid and then withdraw twice within the same academic year will be suspended immediately and must complete the next two semesters of enrollment at their own expense. While on financial aid suspension, students are not eligible to receive any financial aid award, including student loans.

Reinstatement in the financial aid program after suspension requires students to be enrolled at least half-time and complete one semester satisfactorily at their expense, successfully appeal the suspension to the financial aid appeals committee, and obtain a waiver of suspension by the Financial Aid Director due to mitigating circumstances.

Standards for Graduate Students

Graduate students must maintain a cumulative graduate course average of at least 3.0. The satisfactory progress of a graduate student will also be measured at the end of Spring Semester. Failure to make satisfactory progress will result in suspension from the financial aid program.

Standards for Learning Support Students

Federal regulations allow students enrolled in Learning Support courses to receive financial aid monies for up to 24 semester hours.

Students who do not complete the requirements of the Learning Support program after **two semesters** will be suspended from the financial aid program.

Since students receive financial aid monies while enrolled in Learning Support courses, **all courses** in Learning Support count when measuring a student's satisfactory academic progress.

Time Frame (Quantitative Progress)

Financial aid recipients must show measurable progress toward degree completion by earning a required minimum number of credit hours for the total number of semesters enrolled. The normal academic work load during an academic year is based on 15 hours per semester for undergraduate students and 9 hours per semester for graduate students. Students are expected to complete at least 75% of the credit hours attempted each semester. Students may receive financial aid for a maximum of 12 semesters.

Appeal of Financial Aid Suspension

Students suspended from receiving financial aid may appeal to the Student Financial Aid Appeals Committee. This committee is appointed by the President of the University.

Students must complete a form requesting an appeal. This form, which is available in the student financial aid office, must be completed and submitted to the financial aid office within five days from the end of the semester in which the suspension occurred. Students who fail to adhere to this time line will lose the right to appeal their suspension. Students are expected to know the satisfactory academic progress policy. The Office of Financial Aid attempts to notify students who are suspended from the financial aid program; however, sometimes students do not receive notification because of circumstances beyond the control of the Office of Financial Aid. Not being officially notified of suspension does not excuse students from suspension or exempt students from appealing in a timely manner.

The Appeals Committee meets once each semester to hear appeals. Information regarding the time and place of the Committee's meeting is available in the Office of Financial Aid. Students may appear before the Committee or simply provide documents for the Committee to consider.

The Committee will make its recommendation concerning the appeal and the Office of Financial Aid will provide written notification within three business days of its decision. The Committee may impose other academic requirements when approving a reinstatement request.

ENROLLMENT MANAGEMENT

The Office of Enrollment Management is a unit where the appropriate departments, Admissions, Registrar, and Financial Aid, are organized in a way that facilitates coordination of staff, flow of information, and integration of decisions. Headed by the Dean of Enrollment Management, the scope of the office is to advance the recruitment and retention activities of the institution, while improving the overall mix of high achieving students, students with limited learning support need, and international students. The office is also charged with creating an enrollment profile that will reflect the changing demographics of the State of Georgia and in particular, the metropolitan areas of Savannah and the Coastal Georgia region.

CORE CURRICULUM

All students, regardless of major, who are enrolled for the first time in the Fall Semester of 1998 or later must complete the University's core curriculum. The core curriculum consists of sets of specific courses drawn from across the University's curriculum which are usually completed prior to undertaking major field preparation. Students who enrolled prior to the Fall of 1998, and who have not completed the quarter hour core curriculum must complete the new core curriculum. Quarter hour courses completed will be converted to semester hours and credited to the students' total requirement. Students will then complete the remaining hours in the new core curriculum.

CORE CURRICULUM GRID

All students are required to complete the sixty hours of core curriculum requirements during their first two years of enrollment and prior to their enrollment in their major classes, exclusive of those specified in Area F (courses appropriate to the program of study) of the core.

In addition to the sixty hours in Areas A, B, C, D, E, and F, students will also complete five additional hours of required courses.

Area A—Essential Skills9 hours

ENGL 1101 English Composition 1	3
ENGL 1102 English Composition 2	3
MATH 1111 College Algebra	3 (for non-science majors)
MATH 1113 Pre-calculus	3 (for science majors)

(Because these are "essential skills," all courses in this area must be completed with a grade of "C" or higher.)

Area B—Institutional Options4-5 hours

(Students majoring in the sciences must complete four hours; others will complete five hours.)

Hist 1501 African American History and Contemporary Issues	2
SPEH 1101 Introduction to Speech	1
HUMN 1101 Critical Thinking	2 (for non-science majors)
HUMN 1102 Critical Thinking in Science	1 (for science majors)

Area C—Humanities/Fine Arts6 hours

HUMN 2011 Humanities	3
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Choose one of the following:

ARTS 1101 Introduction to Visual Arts	3
MUSC 1101 Introduction to Music	3
THEA 2101 Introduction to Theater	3
ENGL 2111 World Literature I	3
ENGL 2112 World Literature II	3

Area D—Science, Math and Technology10-11 hours

Students will choose Option I or Option II, depending on their major:

Option I—Nonscience Majors (10 hours)

CSCI 1130 Computer Applications	.3
ISCI 1101 Integrated Science I	.3 (3-0-3)

Choose one of the following:

ISCI 1111K Integrated Science II	.4 (3-2-4)
BIOL 1103 General Biology I	.4 (3-2-4)
BIOL 1104 Human Biology II	.4 (3-2-4)
CHEM 1211 Principles of Chemistry I	.3 (3-0-3) and
CHEM 1211L Principles of	
Chemistry I Laboratory	.1 (0-2-1)
PHSC 1011K Physical Science I	.4 (3-2-4)
PHYS 1111K Introductory Physics I	.4 (3-2-4)

Option II—Science Majors (11 hours)

CSCI 1130 Computer Applications	.3
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Choose one of the following sequences:

BIOL 2107 Principles of Biology I	.3 (3-0-3) and
BIOL 2107L Biology I Laboratory	.1 (0-3-1)
BIOL 2108 Principles of Biology II	.3 (3-0-3) and
BIOL 2108L Biology II Laboratory	.1 (0-3-1)
CHEM 1211 Principles of Chemistry I	.3 (3-0-3) and
CHEM 1211L Principles of	
Chemistry I Laboratory	.1 (0-2-1)
CHEM 1212 Principles of Chemistry II	.3 (3-0-3) and
CHEM 1211L Principles of	
Chemistry II Laboratory	.1 (0-2-1)
PHSC 1011K Physical Science I	.4 (3-2-4) and
PHSC 1012K Physical Science II	.4 (3-2-4)
PHYS 1111K Introductory Physics I	.4 (3-2-4) and
PHYS 1112K Introductory Physics II	.4 (3-2-4)

Area E—Social Sciences12 hours

POLS 1101 American Government	.3
POLS 2401 Global Issues	.3

Choose one of the following United States history courses:

HIST 2111 A Survey of U.S. History to the Post-Civil War Period	
or	.3
HIST 2112 A Survey of U.S. History from Post-Civil War Period to the Present	.3

Choose one of the following:

HIST 1111 A Survey of World History to Early Modern Times	.3
HIST 1112 A Survey of World History from Early Modern Times to the Present	.3
PSYC 1101 Introduction to General Psychology	.3
ANTH 1102 Introduction to Anthropology	.3
SOCI 1101 Introduction to Sociology	.3

**Area F—Courses Appropriate to
the Program of Study18 hours**

These requirements vary according to which major program a student selects. See listings for major programs of study for these requirements.

Additional Requirements5 hours

FRES 1101 Freshman Year Experience I1

FRES 1102 Freshman Year Experience II1

One of the following two hour courses:2 hours

HEDU 1101 Concepts in Healthful Living2

HEDU 1111 Physical Fitness for Life2

HEDU 1201 Physical Activity and
Stress Management2

HEDU 1211 Physical Activity and
Body Composition2

One of the following one hour courses:1 hour

HEDU 1301 Weight Training1

HEDU 1401 Physical Conditioning1

HEDU 1501 Modern Dance Techniques1

HEDU 1511 Modern Dance Performance1

HEDU 1521 Aerobic Dancing1

HEDU 1601 Swimming I1

HEDU 1611 Swimming II1

HEDU 1621 Aqua Dynamics1

Total Hours Required in the Core Curriculum 65 hours

STATE REQUIREMENT IN HISTORY AND GOVERNMENT

By State law, students who receives a diploma or certificate from a school supported by the State of Georgia must demonstrate proficiency in United States history and government and in Georgia history and government. Students at Savannah State University may demonstrate such proficiency by receiving credit in certain courses: United States and Georgia government POLS 1101 for United States and Georgia government; HIST 2011 or 2012 for United State and Georgia history.

MAJOR CURRICULUM

In addition to the required core curriculum, which is usually completed in the first two years of college attendance, students will select a major field of study that focuses attention during the second two years of study. Area F of the core curriculum (courses appropriate to the field of study) provides a foundation for the major field of study and should be completed prior to students' undertaking major courses. Plans and requirements for the various major programs are detailed in the sections of this catalog which describe the University's three colleges.

MINOR CURRICULUM

While students are all required to complete the core and a major curriculum, completing a minor program is an additional option. A minor consists of a set of 15-17 credit hours in a specific field of study. Some major programs require students to complete formal minor programs while others do not. Formal minor programs are established in a variety of fields. Requirements are listed in this catalog along with the departments sponsoring them. Informal minors may be developed by acquiring any set of 18 credit hours of upper-division course work in any field for which such work is offered. Students often find that completing a minor curriculum is a valuable professional asset for use in the highly competitive world following graduation.

Savannah State University students may pursue a minor in education in conjunction with the following academic fields: English, mathematics, political science, history, criminal justice, sociology, biology, and chemistry.

Also, students whose major departments offer no minor or do not allow the minor in education may take courses that constitute the equivalent of a minor through additional course work. An education minor does not satisfy the requirements for teacher certification in Georgia, but enables students to complete 18 hours of the professional education courses required for certification. Teacher certification programs also are offered at Savannah State University. Students should contact their academic departments with specific questions regarding education minors or certification. Savannah State University offers education courses in collaboration with Armstrong Atlantic State University.

UNIVERSITY LIBRARY

The Asa H. Gordon Library houses 187,916 volumes, including 29,139 bound periodicals, and approximately 547,522 microforms. Current subscriptions include 782 periodicals and 30 newspapers. There is an extensive collection of materials by and about African-Americans. The library houses a multiplicity of educational media materials including records, audio tapes, film units, video units, kits, television monitors, projectors, and distance learning facilities.

The services of the Asa H. Gordon Library include library instruction, audio-visual services, bibliographic services, xerographic and microfilm copying, database searching, interlibrary loans, fax services, Galileo and CD Rom services (SharePac). The library presently operates a Data Research Association turnkey automated system.

Conference and individual study rooms are located throughout the building. There are elevators and facilities for the disables. Periodical subscriptions and reference and circulation areas are located on the first floor. The educational media, African-American Collection, and two distance learning classrooms are located on the second floor. Typing facilities are available on both floors. A well-trained staff is available to assist the campus community at all times during the hours of operation.

SPECIAL PROGRAMS

ROTC

Through the University's Army and Naval ROTC Programs, Savannah State University students can prepare for commissioned service as regular or reserve officers in the Army, Army National Guard, Navy, or Marine Corps, commensurate with earning their degree. The Army and Naval ROTC Programs constitute an academic minor in military and naval science, respectively.

PREPROFESSIONAL PROGRAMS

Savannah State University offers preprofessional training for persons interested in pursuing such paramedical careers as medical technology, nursing, physical therapy, medical illustration, and medical secretary. Preprofessional study is also provided for persons desiring to enter the professions of engineering, law, medicine, veterinary medicine, dentistry, and pharmacy.

TEACHER EDUCATION

While Savannah State University does not offer degrees in teacher education, the University maintains its century-old tradition of training teachers through innovative, alternative programs offered in collaboration with Armstrong Atlantic State University. Current teacher preparation programs are listed below

The Cooperative Teacher Certification Program enables Savannah State students to earn degrees in one of eight disciplines—biology, business, chemistry, English, history, mathematics, music or political science—and also take professional education courses. In some departments, students are able to complete a minor, or the equivalent thereof, in education. Through the Cooperative Teacher Certification Program, students earn degrees in the field of their choice and generally are able to complete four-to-six of the education courses required for teacher certification. The program places students on the cutting edge of teacher preparation reform. National commissions on teacher education have recommended that teachers hold degrees in the disciplines they teach, supplemented by a professional education curriculum, rather than degrees in education. Students should contact the appropriate academic departments for more information.

The DeWitt Wallace-Reader's Digest Fund Pathways to Teaching Careers Program is designed to increase the number of highly qualified teachers, particularly minorities. The program provides scholarships and professional development support to qualified students. The program targets nontraditional students, specifically those working in the Savannah-Chatham County Public Schools. To be eligible for the program, students must have at least junior status and a minimum grade point average of 2.5. Interested students should contact the Pathways Office, Room 100-A, King-Frazier Student Center.

The Collaborative Program in Middle School Teacher Education affords Savannah State students the opportunity to earn a degree in middle school education. The program addresses Georgia's critical need for middle school teachers and has the goal of helping to increase the number of African-American teachers in mathematics and science, areas where African-Americans are extremely underrepresented. Students should contact their academic advisors for more information on this program.

GEORGIA INTERN PROGRAM

Students who are enrolled full-time at Savannah State University are eligible to participate in the Georgia Legislative Internship Program. Students selected to participate in the Program are assigned to a legislative office or to legislative committees in either the House or Senate, and work directly under and are responsible to the office head or committee chair. The first hand experience of observing and participating in the legislative process is considered as part of the students' academic program and the students may receive academic credit for such participation. The program at Savannah State University is under the general direction of the chair of the Department of Social and Behavioral Sciences.

MINORITY ADVISING PROGRAM

The Minority Advising Program (MAP), established in 1983, seeks to enhance the academic welfare of minority students in the University System of Georgia. Its goals include promoting academic success, developing human potential, and creating an environment that fosters success and retention of minority students. MAP is continuously striving to be a proactive and attentive service to the students of Savannah State University. To this end, MAP encourages all of the students at the University to contribute to it and utilize the services it provides. The MAP office is located in Hodge Hall. The Coordinator of MAP can be reached at 356-2181.

STUDY ABROAD PROGRAM

Savannah State University provides students with a multitude of opportunities to study abroad while earning academic credit toward completion of degree requirements. The University's International Programs (OIP) offers students access to study abroad programs in several countries in Africa, Asia, the Caribbean, Europe, North America, and South America.

Some of the study abroad programs are offered by other University System of Georgia institutions. System institutions generally open their programs to all undergraduate students with a minimum cumulative GPA of 2.5; however, certain programs may require a higher GPA and completion of prerequisites. Students in the University System of Georgia who are eligible for financial aid may use that aid toward study abroad. A limited number of study abroad scholarships is available. For further information contact the OIP at 356-2168. The office is located in Room 114 of Powell Hall.

Studying abroad enables students to increase their knowledge of a foreign language, provides the opportunity to gain insights into the appreciation for the cultures and institutions of other peoples, facilitates the development of relevant career skills, and contributes to personal maturity, independence, self knowledge, and confidence.

COASTAL GEORGIA CENTER FOR CONTINUING EDUCATION

The Coastal Georgia Center for Continuing Education was established in 1979, to combine the resources of both Armstrong Atlantic University's Community Service Division and Savannah State University's Extended Services Area. The Center, located downtown at 305 Martin Luther King, Jr. Boulevard, is currently managed by Georgia Southern University. The Dean of the Coastal Georgia Center for Continuing Education operates a unified continuing education program dedicated to serving the people of Savannah, Chatham County, and the State of Georgia. For some programs, services are extended to persons beyond those boundaries.

A wide variety of programs are offered at Armstrong Atlantic State University, Savannah State University, the Downtown Center, and when it is appropriate, at job sites, schools, community centers and other locations in Savannah. Instructors are drawn from the faculties of both institutions, from qualified experts in the Savannah community, and from consultants throughout the region.

On the Savannah State campus, the Office of Continuing Education is responsible for the coordination of all community service/continuing education activities. Since these activities are viewed as a university-wide function, responsibility for program development is shared with the various academic units on campus. The major community service/continuing education component of the University is the short-course/conference program.

SHORT-COURSE/CONFERENCE PROGRAM

The short-course/conference program offers non-credit courses; conferences, seminars and workshops for the general public. Formal admission to the University is not required.

Classes meet once or twice weekly during the University's regular semester. The length of a class meeting ranges from one hour to two hours. No A, B, C, grades are given, but the S or U mark is given denoting a participant's satisfactory or unsatisfactory completion of a course. Continuing Education Units are awarded participants who successfully complete a course, and a record of enrollment is maintained.

STUDENT AFFAIRS

STUDENT AFFAIRS

CAREER SERVICE

CO-OPERATIVE EDUCATION

COUNSELING CENTER

ORIENTATION

DISABLED STUDENT SERVICES

HEALTH SERVICES

RESIDENCE LIFE

STUDENT ACTIVITIES AND ORGANIZATIONS

STUDENT CONDUCT

Violation of Student Conduct

Policy on Drugs and Weapons

Disciplinary Procedures

Rights of Accused

Basis for Review (Appeal to President)

Appeals to Board of Regents



STUDENT AFFAIRS

VICE PRESIDENT FOR STUDENT AFFAIRS

The Vice President for Student Affairs is responsible to the President for the overall administration of student affairs. It is the goal of the Division of Student Affairs to assist students to recognize, understand, and appreciate out-of-classroom experiences that enhance their education. The process of helping students to become well-rounded, responsible citizens is rooted in the recognition that students are unique and deserve opportunities to learn. Effective learning includes their interaction with the University community, which shapes attitudes, fosters academic development, and improves the overall quality of the collegiate experience. The Division of Student Affairs strives to create a healthy and responsive community in which students learn to work together, develop friendships, care about the welfare of others, appreciate individual differences, and balance their freedom by becoming responsible for their behavior. The Division provides services and experiences that facilitate formal, informal and collaborative learning. These services and experiences help students develop skills, clarify values, recognize leadership potential, and gain knowledge essential to lifelong development.

Career Services

The career services staff assists all students and graduates of Savannah State University in seeking employment, internship, co-ops and graduate school opportunities. This office, located in Suite 246 of the King-Frazier Student Center, maintains contact with corporations, agencies, and graduate schools to benefit students at the University. Throughout the year, it sponsors workshops to meet students' pre-employment needs, including interview techniques, resume preparation, and appropriate dress.

COOPERATIVE EDUCATION (CO-OP)

Cooperative Education is a program organized to provide students with (1) professional training in their majors, (2) money to help defray college expenses, (3) and general work experience to enhance a more competitive background upon graduation. The program allows students to alternate between academic study in one semester and full-time employment in the next semester. It also allows students to work part-time in a co-op position while they are enrolled in school.

COUNSELING CENTER

The Counselling Center, located in Suite 233 of the King-Frazier Student Center, offers counselling services to all regularly enrolled students at Savannah State University. These services include academic, personal, social, and career counselling as well as an array of test information and interpretive data. These services are provided in an individual or group setting.

The professional staff operates with the basic understanding that there are some student-oriented concerns that extend beyond the scope of their personal resources or areas of expertise. After consultation with students, the staff make appropriate referrals. Counselling is confidential and free to students.

DISABLED STUDENT SERVICES

Disabled Students Services provides support services for students with mobility limitations and other disabilities. Counselors are available to assist students in making personal, academic, and vocational choices and to show them how best to utilize campus facilities. Savannah State University subscribes to a policy of providing equal access to disabled students for all academic programs and support services. The University is committed to having disabled students in barrier-free environments designed to enhance learning opportunities. The University also has a wide array of support services which helps to make the University experience challenging and rewarding. The faculty and staff are easily accessible to all students.

Students can obtain information about the existence and location of services, activities, and facilities that are accessible to and usable by persons with disabilities from this office which is located in Suite 233 of the King-Frazier Student Center.

STUDENT CENTER

The King-Frazier Student Center is the community center for all members of the University family—students, faculty, staff, alumni, and guests. As the “living room” of the University, it provides opportunities for students, faculty and staff to understand one another through informal associations outside the classroom. The Center also provides cultural, social, and recreational programs to help make leisure time activities a cooperative factor in the educational process.

Students will also have access to a game room, movie theater, ballroom, conference room, television lounges, and additional spaces. The University bookstore, post office, student affairs’ office, counselling services, career services and co-operative education, intramural office, athletic director’s office, student activities office, student information center, president’s dining hall, snack bar, and the campus dining hall are also housed inside the student center building.

STUDENT ORIENTATION

The Comprehensive Counselling Center supervises the orientation program which is designed to assist new students in becoming acquainted with other students, University regulations, routine procedures, campus traditions, opportunities for training, and specialized vocational guidance. The program concentrates on all freshmen and new students entering the University. Orientation includes placement testing, academic advisement and preregistration. Activities typically include a dance, dinner cabaret, breakfast singing contest, and get acquainted luncheon and picnic on the campus circle. New students who are over the age of twenty-five have the option to attend a mini-orientation generally held in mid-August.

Two follow-up courses dealing with the psychology of human relationships, required of freshmen and transfer students, are designed to facilitate the process of total adjustment to university life and to guide students’ thinking in reference to the social forces that affect them daily. These courses are designated Freshman Year Experience I and Freshman Year Experience II.

STUDENT ACTIVITIES

Savannah State University contributes to the attainment of a well-rounded education by providing many opportunities for students to participate in a wide range of activities.

Student Government Association

The Student Government Association, composed of representatives of all classes, works with the administration in the governance of the University. It works also with the various campus organizations and sponsors projects for the general welfare of the student body.

Music

The Concert Choir, Marching Tiger Band, and Wesleyan Gospel Choir are open for membership to all students. Grants-in-aid are available in limited amounts for qualified applicants. These groups perform not only locally but also throughout the state and nation.

Publications

The *Tiger's Roar*, official student newspaper, is published by students under supervision of the Public Relations Office. The University's yearbook, *The Tiger*, is a schoolwide project published through the Public Relations Office. WHCJ, the campus FM Radio Station, serves as a training unit for mass communications students.

Organizations

Alpha Kapa Alpha Sorority, Inc.	Far East Cultural Exchange	Peer Counselors
Alpha Phi Alpha Fraternity, Inc.	Honda Campus All-Star Challenge (Quiz Bowl)	Phi Beta Lambda
American Society of Civil Engineers	Institute of Electrical and Electronic Engineers	Phi Beta Sigma Fraternity, Inc.
American Society of Mechanical Engineers	Institute of Management Accountants	Players by the Sea
Army ROTC	International Students Association	Psychology Club
Art Club	Kappa Alpha Psi	Pre-Law Club
Association of the Original Man	Ladies of Sophistication	Pre-Med Club
Baptist Student Union	Lester Hall Council	Resident Assistants
Bowen-Smith Hall Council	Marine Biology Club	Residence Hall Council
Camilla Hubert Hall Council	Mass Communication Club	Residence Hall Association
Catholic Campus Ministry	Mathematicians In Training	Sigma Gamma Rho Sorority, Inc.
Cheerleading Squad	Model United Nations	Social Workers of Tomorrow
Choral Music Society	Naval Reserve Officers Training Corps	Sociology Club
Class Organizations	New Generation Youth	Student Activities Advisory Board
Clef Club	United Ministry	The Tiger Team
Computer Science Club	Newtonian Society	Tiger's Roar Newspaper
Criminal Justice Club	Nontraditional Student Association	The Tiger Yearbook Staff
Dance Ensemble	Omega Psi Phi Fraternity, Inc.	University Queen Coalition
Delta Sigma Theta Sorority, Inc.	Peacock Hall Council	Wesleyan Gospel Choir
Delta Sigma Pi		Wright Hall Council
Elements of Distinction		Zeta Phi Beta Sorority, Inc.

Fraternities and Sororities

The national fraternities organized on the campus include Alpha Phi Alpha, Alpha Phi Gamma (journalism), Alpha Phi Omega (service), Kappa Alpha Psi, Phi Beta Sigma, and Omega Psi Phi.

The national sororities organized on the campus are Alpha Kappa Alpha, Delta Sigma Theta, Sigma Gamma Rho, and Zeta Phi Beta.

These organizations sponsor rich and varied programs designed for intellectual and social development.

Honor Societies

A number of national honor societies are active on campus, also (see Savannah State University Honors Program).

Recreation and Sports

Savannah State University offers a well-rounded intramural athletic program of seasonal activities for men and women. Utilizing group games and various sports for their full education and health values, the program features flag football, basketball, soccer, tennis, softball, volleyball, and swimming. The University is a member of the

Southeastern Intercollegiate Athletic Conference and sponsors conference competition events. Savannah State University also holds membership in the National Collegiate Athletic Association (NCAA) Division II and participates in the following sports: football, baseball, basketball (men and women), cross country (men and women), tennis (women only), track and field (men and women), and volleyball (women only).

Qualified instructors in health, physical education, and recreation provide training in the several aspects of the required activity program. Recreational activities, social dancing, swimming, and free exercise activities are encouraged and centered in this area. The area makes every effort to provide wholesome recreational activities for all students.

Cultural Activities

To complement formal education on the campus, the University provides many activities for cultural enrichment. Student assemblies, motion pictures, lectures, art exhibitions, drama productions, forums, hobby groups, and tours contribute to the general enrichment of the University community.

The Lyceum Committee brings to the campus renowned lecturers and concert artists. The Office of the President sponsors the President Enhancement Lecture Series and the Office of the Vice President for Academic Affairs sponsors the Academic Affairs Lecture Series. All students are encouraged to attend these formal activities which afford inspiring association with outstanding personalities.

The Department of Fine Arts sponsors several drama presentations, musical programs and art exhibitions during the school year. The Christmas and spring concerts are significant events in the cultural program of the University.

Health Services

The University maintains health services to improve and safeguard students' health.

The Harris-McDew Health Center is open Monday through Friday from 8:00 a.m. — 10:00 p.m. The physician provides services on site Monday—Friday evenings.

Services rendered include medical care for minor illnesses, medication for minor illnesses, preventive medicine and wellness promotion programs, limited care of emergencies by attending personnel, and limited medications for illnesses treated by other health care providers when the Health Center is closed. The Center also offers Sexually Transmitted Disease (STD) testing, treatment and counselling, minor surgical procedures, health screening (pap smears, blood pressure, etc.), and limited laboratory testing as indicated. For illnesses too severe for out-patient care but not requiring confinement in a local hospital, students may be observed in the Health Center. The Center makes referrals to private providers for specialty care. The Center provides information and training materials and student health insurance and collaborates in an HIV testing clinic and a woman's clinic.

STUDENT HOUSING

Residence Halls

There are six residence halls and one apartment building available for students at Savannah State University. Fees and qualifications for residency in the apartment building are different from those for the residence halls. Assignment to living areas is based on sex and classification. Additional criteria are used for apartment residency.

Residence on campus complements classroom instruction. There are certain regulations in place to ensure that the living/learning processes of students are maintained. Such regulations can be found in this catalog and publications distributed by the Office of Student Affairs and the Office of Student Housing.

All students are required to apply for housing at the beginning of the academic year, summer school, and any semester that is preceded by a break in continued residence. Students are expected to clear housing at the end of spring and summer semesters, and any other semester if they do not plan to return or if they graduate. Before vacating their assigned rooms, all students must complete a clearance form and must obtain the signature of the Resident Hall Director or the Resident Assistant (RA).

Room assignments are made for the academic year. Students in double occupancy rooms who have not contracted for single occupancy and who do not have a roommate must pay either a single rate, obtain a roommate, or change rooms. Room changes must be approved in writing by the Housing Office and completed within five days after notification to consolidate. Individual students remaining in a double occupancy room will be automatically charged and legally obligated to pay a prorated single room rate. These students may contract for a double occupancy room as a single for the remainder of the current semester only. Students who live in residence halls are required to purchase a meal plan. Students who have a diet prescribed by a physician may be exempted if the University cafeteria is unable to prepare the diet meals. Hot plates and other cooking devices are prohibited in the residence halls. Prohibited items found in rooms will be confiscated; students who violate cooking policies will be charged \$25.00.

Campus Residency Policy

Freshmen from outside the Chatham County area are expected to reside in the residence halls of Savannah State University and must purchase the three-meal plan (see Fee Schedule).

Room Deposit

Students must submit applications for campus housing after receiving official acceptance to Savannah State University. All students who elect to live in the University residence hall facilities are required to submit a \$100.00 room damage deposit with their request for a room assignment. The damage deposit is a damage fee and guarantee of contract fulfillment. It is not applied toward room and board payments. Residents will be held responsible for damages to University property and will pay all charges upon receiving a bill for said damage. **No room assignment will be made without a deposit. THE \$100 DAMAGE DEPOSIT IS NOT REFUNDED EACH YEAR. Students who have no damage assessed against them will receive their deposit within thirty (30) days (via centralized**

accounts receivable system) after their graduation, official withdrawal by the University or students, or University dismissal. Applicants who, after acceptance for admission, decide not to enroll at Savannah State University may be refunded the \$100.00 deposit by requesting a refund in writing. Students must adhere to the residence hall room check-out procedures.

Housing Application Deadlines:

Term	Refund Due
Fall Semester 1998	May 26, 1998
Spring Semester 1998	November 26, 1998
Summer Semester 1999	March 26, 1999

Full refund is granted UPON REQUEST if room cancellation is postmarked thirty (30) days prior to the start of any semester.

Apartments

On-campus apartments are available for leasing to students who meet and adhere to certain criteria. Details are available through the Office of Student Housing.

DISRUPTIVE BEHAVIOR

The following statement is the policy of the Board of Regents regarding disruptive behavior at any institution of the University System. The rights, responsibilities, and prohibitions described in this statement are incorporated as a part of these regulations.

The Board of Regents of the University System of Georgia reaffirms its policies to fully support freedom of expression by each member of the academic community and to preserve and protect the rights and freedoms of its faculty and student members to engage in debate, discussion, and peaceful and nondisruptive protest and dissent. The following statement relates specifically to the problem described herein. It does not change or in any way infringe upon the Board's existing policies and practices in support of freedom of expression and action. Rather it is considered necessary to combat the ultimate effect of irresponsible, disruptive, and obstructive actions by students and faculty who tend to destroy academic freedom and the institutional structures through which it operates.

In recent years a new and serious problem has appeared on many college campuses in the nation. Some students, faculty members, and others have on occasion engaged in demonstrations, sit-ins, and other activities that have clearly and deliberately interfered with the regular orderly operation of the institution concerned. Typically, these actions have been the physical occupation of a building or campus area for a protracted period of time or the use of verbal or written obscenities involving indecent or disorderly conduct.

These actions have gone beyond all heretofore recognized bounds of meetings for discussions, persuasion, or even protest in that (1) acquiescence to demands of the demonstrations is the condition for dispersal, and (2) the reasonable and written directions of institutional officials to disperse have been clearly ignored. Such activities thus have become clearly recognizable as an action of force, operating outside all established channels on the campus, including that of intellectual debate and persuasion, which are at the heart of education.

The Board of Regents is deeply concerned about this problem. Under the Constitution of the State of Georgia, under all applicable court rulings, and in keeping with the tradition of higher education in the United States, the Board is ultimately

responsible for the orderly operation of the several institutions of the University System and the preservation of academic freedom in these institutions. The Board cannot and will not divest itself of this responsibility.

Of equal or even greater importance, such action of force as previously described destroys the very essence of higher learning. The essence is found in the unhampered freedom to study, investigate, write, speak, and debate on any aspect or issue of life. This freedom, which reaches its full flowering on college and university campuses, is an essential part of American democracy, comparable to the jury system or the electoral process.

For these reasons and in order to respond directly and specifically to this new problem, the Board of Regents stipulates that any student, faculty member, administrator, or employee, acting individually or in concert with others, who clearly obstructs or disrupts, or attempts to obstruct or disrupt any teaching, research, administrative, disciplinary or public service activity, or any other activity authorized to be discharged or held on any campus of the University System of Georgia, is considered by the Board to have committed an act of gross irresponsibility and shall be subject to disciplinary procedures, possibly resulting in dismissal or termination of employment.

The Board reaffirms its belief that all segments of the academic community are under a strong obligation and have a mutual responsibility to protect the campus community from disorderly, disruptive, or obstructive actions, which interfere with academic pursuits or teaching, learning, and other campus activities.

Student Conduct

Students enrolled at Savannah State University are expected at all times to exemplify due respect for order, morality, and the rights of others. The University reserves the right to exclude at any time students whose conduct is deemed improper or prejudicial to the welfare of the University community.

Violations of the Student Conduct Code

While the intentional commission of an act is an important consideration in determining guilt or innocence and appropriate sanction, students are also responsible in some cases for their actions due to negligence. Students may receive disciplinary action, including suspension and dismissal for a number of acts of misconduct committed on or away from University property. (For additional details, see the Savannah State University *Student Conduct Code*, 1996.) Examples of these actions are listed below.

Academic irregularity	Possession of drugs and
Damage to public and private property	alcoholic beverages
Disorderly conduct	Disorderly assembly
Misuse of student identification cards	Falsification of records
Gambling	Theft
Possessing explosives	Unauthorized entry or use of
Disregard of fire safety regulations	University facilities
Hazing and/or harassment	Violation of dormitory visitation
Violation of outside law	rules and regulations
	Possession of weapons
	Joint responsibility for violations

Academic Irregularity

Academic irregularity includes academic dishonesty, such as cheating and plagiarism; knowingly furnishing false information; forgery, alternations, or unauthorized use of University documents, records, identification, or property to gain an untitled advantage; taking or attempting to take, steal or otherwise procure in an unauthorized manner any material pertaining to the conduct of a class, including, but not limited to, tests, examinations, laboratory equipment and roll books; and selling, giving, lending or otherwise furnishing to any unauthorized person, material containing questions or answers to any examination scheduled to be given at a subsequent date in any course of study offered by the University.

Plagiarism is prohibited. Themes, essays, term papers, tests and other similar requirements must be the work of the individuals submitting them. Direct quotations, paraphrased material, summaries of ideas of others must be appropriately acknowledged and attributed to their sources.

Disciplinary Procedures

A charge of misconduct originates with the accuser filing a written charge with the Office of the Vice President for Student Affairs. Any person may refer a student suspected of violating the student conduct code.

Upon receipt of the charge, the Vice President's designee conducts an informal investigation to determine whether to drop the case or send a letter of notification to the accused student.

If a formal charge is made to the accused, either by certified letter or in person, the Vice President's designee will instruct the accused to contact the Office of Student Affairs to arrange an administrative interview to discuss the complaint. Copies of all pertinent documents known at that time will be attached to the letter. The Vice President's designee will request a meeting with other necessary relevant parties on an individual basis. However, the Vice President's designee or the accused may ask to have more than one relevant party present at the interview. The purposes of the administrative interview are two-fold: first, to determine whether probable cause exists to believe the accused may have committed the charged offenses; and second, to determine whether to have the case heard by the Vice President's designee or the University's Discipline Committee.

The Vice President for Student Affairs will notify all persons of the time and place when they are to appear before the Committee. The Vice President will also notify students about the specific charges against them.

Rights of the Accused During Hearings

Accused students have specific rights, including

The right to a non-legal advisor of their choice. (An attorney may be present only when it appears that the hearing also relates to a potential, or actual, criminal charge against the accused);

The right to question the accuser(s);

The right to present evidence;

The right to call witnesses;

The right to remain silent and have no inference of guilt drawn from such silence;

The right of cross examination;

The right to appeal an adverse decision to the President; and

The right to attend classes and required University functions until a hearing is held and a decision is rendered against the accused by the Vice President or Discipline Committee. (The accused may remain at the Institution pending an appeal to the President, if his or her presence is judged not to be a clear and present danger to the normal operation of the University. If the President upholds the suspension or expulsion, the student must depart, not withstanding the student's subsequent application for review to the Board of Regents.)

The Discipline Committee

Unless the accused elects to have the case decided by the Vice President for Student Affairs' designee, the Discipline Committee (comprised of the chief justice, faculty, staff, and students) will adjudicate the case. If the accused chooses a hearing by the Discipline Committee, the Vice President shall select a member of the staff to present the case on behalf of the person bringing charges, including cases where the Office of Student Affairs files the charges.

Basis for Review (Appeals to the President)

All appeals to the President must be made in writing within seven calendar days of the original decision. The original decision is final on the day it is rendered by the Vice President for Student Affairs and the Discipline Committee. The filing of an appeal to the President will not postpone punishments imposed thereunder, by the Vice President for Student Affairs or the Discipline Committee.

The accused may appeal to the President from a decision of the Vice President for Student Affairs or the Discipline Committee on the grounds listed below. Additional grounds may be asserted by the appellant, as appropriate.

The proceeding failed to follow procedures, including observing the rights of the accused, but only if such failure actually resulted in preventing the accused from adequately defending against the charge.

The findings are not supported by substantial evidence, or the recommendations are not supported by the findings.

One or more members of the adjudicating body demonstrated bias. "Bias" requires more than merely knowing the accused or knowing something about the case. Disqualification occurs only where it can be established that the Vice President or a Discipline Committee member was incapable of rendering a fair decision.

In light of the nature of the offense and the student's disciplinary record, the sanctions imposed by the adjudicating body were excessive.

Article IX Appeal to Board of Regents

A student dissatisfied with the President's decision has the right to appeal to the Board of Regents. The appeal to the Board shall be submitted in writing to the executive secretary of the Board through the Chancellor, within twenty calendar days after the President's decision and shall cite all the reasons for dissatisfaction with the previous decision.

Drugs and Weapons

Possession or use (without valid medical or dental prescription), manufacture, transportation, storage, furnishing, or sale of any narcotic or dangerous drug controlled by federal or Georgia law is prohibited. Violators will be subject to arrest and prosecution by University and/or local, state, and federal courts. It is against University rules and regulations for students to possess, use, or store weapons such as knives, guns, blackjacks, etc. Persons found in possession of weapons will be subject to disciplinary action by the University and/or local courts. Students convicted of violating Section II (Drugs and Alcohol) of the student conduct code may lose academic credit and/or federal financial aid and/or be suspended from the University.

BUSINESS AND FINANCE

FEES AND EXPENSES

CAMPUS RESIDENCY POLICY

ROOM DEPOSITS AND APARTMENTS

REFUND POLICY

PAYMENT OF FEES

REFUND POLICY

BOOKSTORE

BUSINESS AND FINANCE

VICE PRESIDENT FOR BUSINESS AND FINANCE

The Vice President for Business and Finance directs the operations of Auxiliary Enterprises, Budget and Financial Analysis, Business Services, Computer Services, Financial Services, Grants, and Contracts, Human Resources, Plant Operations, and Public Safety.

As chief business officer for Savannah State University, the Vice President is responsible for the day to day business and financial operations of the institution. Principle areas of concern to this office include:

- Providing good stewardship of University funds and securities,
- Promoting best business practices which incorporate effectiveness, quality outcomes, and customer service,
- Maintaining a safe, clean environment with quality facilities for Savannah State students, faculty, and staff to learn and thrive in, and
- Creating an atmosphere for all employees in which they feel supported, appreciated, and equipped with the tools needed to be successful in their work.

SAVANNAH STATE UNIVERSITY UNIVERSITY SYSTEM OF GEORGIA SAVANNAH, GEORGIA

UNDERGRADUATE FEE SCHEDULE FALL, 1998 SPRING, 1999

DAY STUDENTS

Fees Per Semester	Residents	Nonresidents
Matriculation (12 or more credit hours)	865.00	865.00
Nonresident Tuition		2,610.00
Health Fee	60.00	60.00
Student Activity Fee	41.00	41.00
Athletic Fee	173.00	173.00
Board		
Room		
Total	<u>1,139.00</u>	<u>3,749.00</u>

BOARDING STUDENTS

Fees Per Semester	Residents	Nonresidents
Matriculation (12 or more credit hours)	865.00	865.00
Nonresident Tuition		2,610.00
Health Fee	60.00	60.00
Student Activity Fee	41.00	41.00
Athletic Fee	173.00	173.00
Board	932.00	932.00
Room	893.00	893.00
Total	<u>2,964.00</u>	<u>5,574.00</u>

Fees Are Due And Payable At Registration, Please Make A Cashier's Check, Bank Or Postal Money Order Payable to Savannah State University. Separate Checks Should Be Made For Books And Supplies And Cash Allowances. Books Cost Approximately \$200.00 Per Semester. Late Fee Is \$50.00.

Other Fees:

Key Replacement	\$20.00 Per Occurrence
Meal Card Replacement	\$20.00 Per Occurrence
Post Office Box Rental	\$8.00 Per Year
Parking — Day	\$10.00 Per Year
Parking — Boarding	\$18.00 Per Year
Room Deposit	\$100.00 (Refundable Upon Vacating Room Without Damages)
Transcript Fees	\$4.00 Each
Single Occupancy Room	\$978.00 Per Semester (If Available)
Married Students' Apartments:	
1. Efficiency Apartment	\$365.00 (Monthly)
2. One-Bedroom Apartment	\$391.00 (Monthly)

The University reserves the right to make changes in its fees at the beginning of any semester and without prior notice.

Credit cards (visa and mastercard) may be used to pay for tuition, fees, and books.

(All prices are subject to change)

**SAVANNAH STATE UNIVERSITY
UNIVERSITY SYSTEM OF GEORGIA
SAVANNAH, GEORGIA**

**FALL, 1998
SPRING, 1999
DETAILED UNDERGRADUATE FEE SCHEDULE
REGULAR FEES — RESIDENT OF GEORGIA**

HOURS	MATRICULATION	HEALTH	S/A	A/F	TOTAL
1	72.00		41.00	173.00	286.00
2	144.00		41.00	173.00	358.00
3	216.00		41.00	173.00	430.00
4	288.00		41.00	173.00	502.00
5	360.00		41.00	173.00	574.00
6	432.00	60.00	41.00	173.00	706.00
7	504.00	60.00	41.00	173.00	778.00
8	576.00	60.00	41.00	173.00	850.00
9	648.00	60.00	41.00	173.00	922.00
10	720.00	60.00	41.00	173.00	994.00
11	792.00	60.00	41.00	173.00	1,066.00
12 OR MORE	865.00	60.00	41.00	173.00	1,139.00

REGULAR FEES — NONRESIDENT OF GEORGIA

HOURS	MATRICULATION	NON-RESIDENT	HEALTH	S/A	A/F	TOTAL
1	72.00	218.00		41.00	173.00	504.00
2	144.00	436.00		41.00	173.00	794.00
3	216.00	654.00		41.00	173.00	1,084.00
4	288.00	872.00		41.00	173.00	1,374.00
5	360.00	1,090.00		41.00	173.00	1,664.00
6	432.00	1,308.00	60.00	41.00	173.00	2,014.00
7	504.00	1,526.00	60.00	41.00	173.00	2,304.00
8	576.00	1,744.00	60.00	41.00	173.00	2,594.00
9	648.00	1,962.00	60.00	41.00	173.00	2,884.00
10	720.00	2,180.00	60.00	41.00	173.00	3,174.00
11	792.00	2,398.00	60.00	41.00	173.00	3,464.00
12 OR MORE	865.00	2,610.00	60.00	41.00	173.00	3,749.00

**SAVANNAH STATE UNIVERSITY
UNIVERSITY SYSTEM OF GEORGIA
SAVANNAH, GEORGIA**

**GRADUATE FEE SCHEDULE
FALL 1998
SPRING 1999**

DAY STUDENTS

Fees Per Semester	Residents	Nonresidents
Matriculation (12 or more credit hours)	1,000.00	1,000.00
Nonresident Tuition		3,000.00
Fees	120.00	120.00
Board		
Room		
Total	<u>1,120.00</u>	<u>4,120.00</u>

BOARDING STUDENTS

Fees Per Semester	Residents	Nonresidents
Matriculation (12 or more credit hours)	1,000.00	1,000.00
Nonresident Tuition		3,000.00
Fees	120.00	120.00
Board	932.00	932.00
Room	893.00	893.00
Total	<u>2,945.00</u>	<u>5,945.00</u>

Fees are due and payable at registration, please make a cashier's check, bank or postal money order payable to Savannah State University. Separate checks should be made for books and supplies and cash allowances, books cost approximately \$200.00 per semester. Late fee is \$50.00.

Other Fees:

Key Replacement	\$20.00 Per Occurrence
Meal Card Replacement	\$20.00 Per Occurrence
Post Office Box Rental	\$8.00 Per Year
Parking — Day	\$10.00 Per Year
Parking — Boarding	\$18.00 Per Year
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Credit cards (visa and mastercard) may be used to pay for tuition, fees, and books.

**SAVANNAH STATE UNIVERSITY
UNIVERSITY SYSTEM OF GEORGIA
SAVANNAH, GEORGIA**

**FALL, 1998
SPRING, 1999
DETAILED GRADUATE FEE SCHEDULE**

HOURS	MATRICULATION	FEE	IN-STATE TOTAL	NON- RESIDENTS	OUT-OF- STATE TOTAL
1	83.00	40.00	123.00	250.00	373.00
2	166.00	40.00	206.00	500.00	706.00
3	249.00	40.00	289.00	750.00	1,039.00
4	332.00	40.00	372.00	1,000.00	1,372.00
5	415.00	40.00	455.00	1,250.00	1,705.00
6	498.00	80.00	578.00	1,500.00	2,078.00
7	581.00	80.00	661.00	1,750.00	2,411.00
8	664.00	80.00	744.00	2,000.00	2,744.00
9	747.00	80.00	827.00	2,250.00	3,077.00
10	830.00	80.00	910.00	2,500.00	3,410.00
11	913.00	120.00	1,033.00	2,750.00	3,783.00
12 OR MORE	1,000.00	120.00	1,120.00	3,000.00	4,120.00

REFUND POLICY

The refund of elective charges for withdrawing from Savannah State during a semester will be made on a prorated basis determined by the date of withdrawal. Refunds are as follows:

<u>Formal Withdrawal</u>	<u>Refund</u>
On or before the first day of classes	100%
Withdrawal after the first day of class but before the end of the first 10% (in time) of the period of enrollment	90%
Withdrawal after the first 10% (in time) of the period of enrollment but before the end of the first 25% (in time) of the period of enrollment	50%
Withdrawal after the first 25% (in time) of the period of enrollment but before the end of the first 50% (in time) of the period of enrollment	25%
Withdrawal after the first 50% (in time) of the period of enrollment	0%

Students attending Savannah State University for the first time who receive assistance under Title IV of the Higher Education Act of 1965 as amended are entitled to a pro-rata refund of that portion of the tuition, fees, room and board, and other charges assessed the student by Savannah State University equal to that portion of the period of enrollment for which the student has been charged that remains on the last day of attendance by the student up to the sixty percent, (60%) point (in time) in the period of enrollment.

A refund of all semester non-resident fees, matriculation fees, and other mandatory fees shall be made in the event of the death of a student at any time during an academic semester.

Refund of fees for any term will be authorized only when the foregoing procedure is completed before the end of such term. Refunds will be processed and mailed to students within two weeks following the end of the refund period.

MEDICAL EXCEPTIONS

Students who are ill at home or are unable to complete the official withdrawal policy should communicate with the Vice President for Student Affairs requesting permission to withdraw.

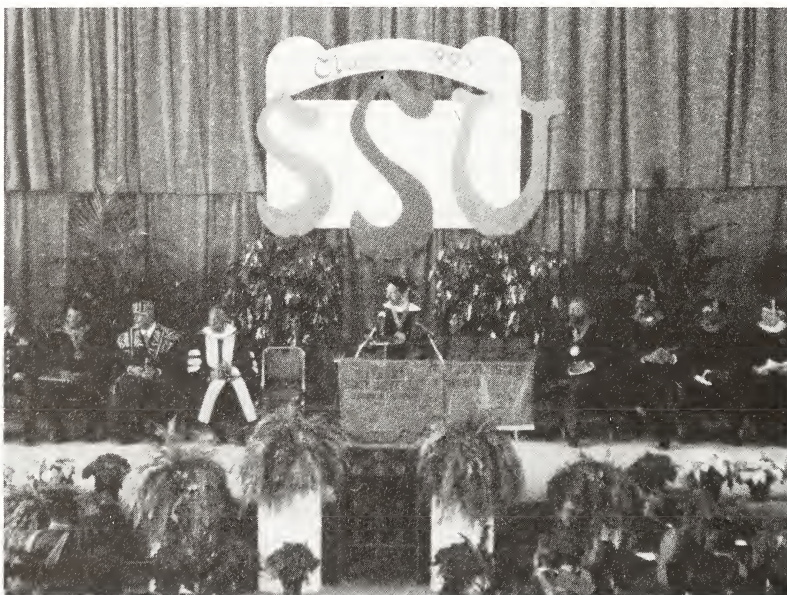
BOOKSTORE

The Savannah State University Bookstore is an integral part of the academic and social life of the University. It is solely owned and operated by the University under the policies established by the Board of Regents of the University System of Georgia. It has available texts, supplies, miscellaneous gifts and soft good items, soft drinks, snacks, over-the-counter pharmaceuticals, and sundries. The Bookstore accepts cash and MasterCard and Visa credit cards.

The Bookstore is located in the King-Frazier Student Center on the first floor across from the Savannah State University Post Office. Its mailing address is Savannah State University Bookstore, P. O. Box 20569, Savannah State University, Savannah, Georgia 31404. Its telephone number is (912) 356-2263, and its fax number is (912) 353-3072. Hours of operation: 8:15 a.m. — 4:45 p.m.; Monday—Friday.

COLLEGE OF BUSINESS ADMINISTRATION

ACCOUNTING
COMPUTER INFORMATION SYSTEMS
INTERNATIONAL BUSINESS MANAGEMENT
MANAGEMENT
MARKETING



COLLEGE OF BUSINESS ADMINISTRATION

PURPOSE AND MISSION

The primary purpose of the College of Business Administration is to provide a quality education for undergraduate students. This goal is accomplished through teaching, research, and service. The College of Business Administration offers a four-year professional program that combines a general education with broad based programs of education in business. This program is predicated on the philosophy that the best education for business leaders is one which combines professional studies and studies in the liberal arts.

The emphasis on the liberal arts is most significant during the freshman and sophomore years. The major focus during the remaining years of study is on the basic business core, which serves as the foundation upon which students develop a major. This education provides graduates with the necessary background for initiating careers in one of the functional areas of business and an appropriate introduction to the tools of management that are necessary for success.

The College of Business Administration offers programs of study leading to the Bachelor of Business Administration degree (B.B.A.). Major programs include accounting, computer information systems, international management, management, and marketing. The College currently offers several emphases within the management major. The emphases include entrepreneurship and small business management and business education. The business education emphasis leads to teaching certification and is offered in a cooperative program with the Armstrong Atlantic State University Department of Teacher Education.

ACADEMIC COUNSELING

Students in the College of Business Administration are assigned academic advisors in their major area of specialization. Since the advisement process is essential to ensure all prerequisites have been successfully completed prior to enrollment in a particular course, students must consult with their advisors before registering. Students should also work with their advisors to develop a plan of academic progress. This plan must be approved by the Associate Dean of the College of Business Administration and will be recorded in the College of Business Administration.

ACADEMIC REGULATIONS

1. Students may enroll in upper-division classes in the College of Business Administration after successful completion of 45 semester hours, including the courses listed in Area F and QUAN 2181, provided all course-specific prerequisites have been satisfied.

2. Business majors must complete Areas A through F of the core curriculum with a minimum adjusted grade point average of 2.0 and with a grade of "C" or better in each of the following courses:

ENGL 1101	ACCT 2101	BUSA 2105	ECON 2106
ENGL 1102	ACCT 2102	CSCI 1130	
MATH 1111	BUSA 1105	ECON 2105	

3. Before students enroll in junior level course work in the College of Business Administration, they must have passed both parts of the Regents' Test (see Regents' Testing Program).
4. To graduate, business majors must complete, with a grade of "C" or better, all courses in the business foundation area and in their major area of specialization.
5. Business majors must complete all other courses in the business foundation area before registering for BUSA 4126 Business Policy.
6. Transfer students should follow the program of study outlined for B.B.A. candidates at the College during the freshman and sophomore years.
 - a. The Dean of the College of Business Administration determines eligibility for transfer of credit for business course work which will apply toward business degrees.
 - b. Business courses completed at the lower division level at other institutions, if these courses are offered at the junior and senior levels at Savannah State University, will not be awarded transfer credit. Business courses taken at the universities and senior colleges will transfer, if the prerequisites at Savannah State have been satisfied.
7. Students who enroll as special students (as defined in this catalog), and who subsequently change their status to degree-seeking, may transfer for credit a maximum of seven semester hours earned while in special student status.

The Coastal Georgia Center for Economic Education is a joint program between the College of Business Administration at Savannah State University and the College of Education at Armstrong Atlantic State University. Drs. Thomas Eason and Stephen Agyekum are the director and associate director, respectively, of the Center. The Center is housed in Room 223, University Hall at Armstrong Atlantic State University. The purpose of the Center is to promote the basic economic ideas considered essential for good citizenship. This aim is accomplished through programs conducted in teacher workshops and the dissemination of materials. The center cooperates with the Georgia Council on Economic Education in providing workshops for area teachers to help meet the economic standards which are mandated for students by the State of Georgia. The Center also cooperates with teachers from the Economics America Program of the Savannah-Chatham school system. The Center is associated with the National Council on Economic Programs of Study offered in the College of Business Administration.

Prior to studying the specialized curriculum of a specific degree program, all students are expected to complete the University's core curriculum as described in this catalog.

College of Business Administration

Core Curriculum (Areas A, B, C, D, E and additional requirements)	47 hours
Area F—Courses Appropriate to the Program of Study	18 hours
ACCT 2101 Accounting Principles I	3 hours
ACCT 2102 Accounting Principles II	3 hours
BUSA 1105 Introduction to Business	3 hours
BUSA 2105 Communicating in the Business Environment	3 hours
ECON 2105 Principles of Macro-Economics	3 hours
ECON 2106 Principles of Micro-Economics	3 hours
Major Courses	60 hours
Foundation Knowledge of Business (required of all majors)	36 hours
BUSA 2106 The Environment of Business	3 hours
BUSA 4125 Public Policy	3 hours
BUSA 4126 Business Policy	3 hours
CISM 3135 Advanced Computer Applications	3 hours
ECON 3145 Global Issues in Business	3 hours
FINC 3155 Finance	3 hours
MGNT 3165 Organizational Behavior and Theory	3 hours
MGNT 3167 Management of Technology	3 hours
MKTG 3175 Marketing	3 hours
QUAN 2181 Quantitative Methods I	3 hours
QUAN 2182 Quantitative Methods II	3 hours
QUAN 3185 Quantitative Methods and Production Management	3 hours
Major Concentration Courses (Choose one of the following concentrations)	24 hours
ACCOUNTING MAJOR	24 hours
ACCT 3115 Cost/Managerial Accounting	3 hours
ACCT 3111 Intermediate Accounting I	3 hours
ACCT 3112 Intermediate Accounting II	3 hours
ACCT 4115 Advanced Accounting	3 hours
ACCT 3113 Federal Income Tax I	3 hours
ACCT 4116 Not-for-Profit Accounting	3 hours
ACCT 4117 Auditing I	3 hours
FREE ELECTIVES	3 hours
COMPUTER INFORMATION SYSTEMS MAJOR	24 hours
CISM 3136 Introduction to Programming: COBOL	3 hours
CISM 3137 Systems Analysis and Design	3 hours
CISM 4135 Networking and Data Communication	3 hours
CISM 4136 Object Oriented Programming in C++	3 hours
CISM 4137 Database Application Design	3 hours
CISM 4138 Contemporary Topics in CIS	3 hours

Choose one of the following courses:

BUSA 4229 Internship	3 hours
MKTG 3176 Professional Selling	3 hours
MGNT 4165 Human Resource Management	3 hours
MGNT 4169 Total Quality Management	3 hours
FREE ELECTIVES	3 hours

MAJOR IN INTERNATIONAL BUSINESS MANAGEMENT ... 24 hours

ECON 4145 International Economics	3 hours
FINC 4155 International Finance	3 hours
MGNT 4168 International Business Management	3 hours
MKTG 4179 International Marketing and Export Management	3 hours

Choose three of the following courses:

BUSA 4240 International Business Internship	3 or 6 hours
ECON 3160 Economic Geography	3 hours
ECON 3175 Money Credit & Banking	3 hours
FINC 3157 Investments	3 hours
MGNT 4198 Entrepreneurship	3 hours
Foreign Language Proficiency	3 hours
FREE ELECTIVES	3 hours

MANAGEMENT MAJOR: GENERAL EMPHASIS 24 hours

MGNT 3196 Introduction to Small Business Management and Entrepreneurship	3 hours
MGNT 4165 Human Resource Management	3 hours
BUSA 4116 Business Research	3 hours

Choose four of the following courses:

FINC 4155 International Finance	3 hours
FINC 3157 Financial Investments	3 hours
MKTG 4168 International Business Management	3 hours
MKTG 3177 Retail Management	3 hours
BUSA 4229 Administrative Practice and Internship	3 hours
MGNT 4169 Total Quality Management	3 hours
MKTG 3176 Professional Selling	3 hours
MGNT 4166 Labor-Management Relations	3 hours
MGNT 3197 Finance for Small Business and Entrepreneurship	3 hours
MGNT 4198 Entrepreneurship	3 hours
MGNT 4167 Training and Development for Human Resources ..	3 hours
FREE ELECTIVES	3 hours

**MANAGEMENT MAJOR: SMALL BUSINESS AND
ENTREPRENEURSHIP EMPHASIS 24 hours**

MGNT 3196 Introduction to Small Business Management and Entrepreneurship	3 hours
MGNT 4165 Human Resource Management	3 hours
MGNT 3197 Finance for Small Businesses and Entrepreneurship	3 hours
MGNT 4198 Entrepreneurship	3 hours
MGNT 4199 Small Business Entrepreneurship Strategy	3 hours

Choose two of the following courses:

MKTG 3176 Professional Selling	3 hours
MKTG 4175 Advertising	3 hours
FINC 3157 Investments	3 hours
MGNT 4169 Total Quality Management	3 hours
MGNT 4168 International Business Management	3 hours
BUSA 4229 Administrative Practice and Internship	3 hours

FREE ELECTIVES **3 hours**

MARKETING **24 hours**

MKTG 3176 Professional Selling	3 hours
MKTG 3177 Retail Management	3 hours
MKTG 4175 Advertising	3 hours
BUSA 4116 Business Research	3 hours

Choose three of the following courses:

MKTG 3176 Consumer Behavior	3 hours
MKTG 4176 Contemporary Topics in Marketing	3 hours
BUSA 4229 Administrative Practice and Internship	3 hours
MGNT 3196 Introduction to Small Business Management and Entrepreneurship	3 hours
MGNT 4168 International Business Management	3 hours
MGNT 4169 Total Quality Management	3 hours

FREE ELECTIVES **3 hours**

**Total Hours Required for the Major in Accounting, Computer
Information Systems, International Management,
Management, or Marketing** **125 hours**

MINOR IN BUSINESS

FINC 3000 Personal Finance	3 hours
ACCT 3000 Accounting for Nonbusiness Majors	3 hours
ECON 3000 Survey of Economics	3 hours
MGNT 3000 Survey of Management and Marketing	3 hours
CISM 3000 Information Technology: Issues and Applications ...	3 hours

Total Hours Required for the the Minor in Business **15 hours**

BUSINESS EDUCATION

In cooperation with Armstrong Atlantic State University, the College of Business Administration offers the business content courses for the Bachelor of Science in education major in secondary education in the business education teaching field. Detailed information may be obtained from the Department of Secondary Education at Armstrong Atlantic State University or the faculty in the College of Business Administration at Savannah State University.

DESCRIPTION OF COURSES

NOTE: Foundation knowledge courses are regularly scheduled in both the day and evening programs. Major area courses are normally scheduled annually at least once during the day and once during the evening. Electives are normally offered at least once per year. Tentative summer schedules will include all Area F courses. HOWEVER, lower division and upper division courses that do not meet administration enrollment quotas may be canceled at the discretion of the Dean of the College of Business Administration. Tentative schedules of business course offerings are available from the office of the Dean of the College of Business Administration (912) 356-2335.

ACCOUNTING

ACCT 2101 Principles of Financial Accounting 3 Credits

A study of the underlying theory and application of financial accounting concepts.

Prerequisites: MATH 1111; CSCI 1130

ACCT 2102 Principles of Managerial Accounting 3 Credits

A study of the underlying theory and application of managerial accounting concepts.

Prerequisite: ACCT 2101

ACCT 3000 Accounting for Nonbusiness Majors 3 Credits

A course focusing on (1) understanding of basic financial accounting terminology, (2) providing an overview of the financial accounting process, and (3) developing sufficient grounding in financial accounting to be able to understand and analyze basic financial statements. Business majors may not take this course for credit.

Prerequisite: Completion of sixty (60) semester hours

ACCT 3111 Intermediate Accounting I 3 Credits

An introduction to accounting theory underlying financial statements. There is an emphasis on the study of accounting principles and ethics relating to the recording and presentation of cash, receivables, and the investment in productive resources such as inventories, property, plant and equipment. Computer aided instruction will be utilized wherever applicable.

Prerequisites: ACCT 2101 and the completion of sixty (60) semester hours

ACCT 3112 Intermediate Accounting II 3 Credits

A course that is a continuation of ACCT 3111. The topics covered include liabilities, contingencies, stockholders' equity, dilutive securities, earnings per share, investments, revenue recognition, income taxes, pensions, post-retirement benefits, leases, accounting changes, error correction, cash flows, financial statement analysis, and full disclosure. Computer assisted instruction will be utilized wherever applicable.

Prerequisite: ACCT 3111

ACCT 3113 Federal Income Tax Procedures I 3 Credits

An analysis of the federal income tax law and its application to individuals. The course includes extensive practical problems, including the preparation of returns. Computer assisted instruction will be utilized.

Prerequisites: ACCT 2102 and the completion of sixty (60) semester hours

ACCT 3114 Federal Income Tax Procedures II 3 Credits

A continuation of the study of the Internal Revenue Code begun in Federal Income Procedures I and a survey of the income tax treatment of corporations and shareholder,

partnerships and partners, S corporations, and other taxable entities. The course includes a limited coverage of tax research techniques.

Prerequisite: ACCT 3113

ACCT 3115 Cost/Managerial Accounting3 Credits

A course that furthers the knowledge gained in the fundamental managerial accounting course. This course emphasizes the use of basic cost accounting theory and concepts for cost accumulation and usage under job order, process, and activity-based costing systems, as well as budgeting and standard costing in a manufacturing environment. It also covers control and analysis of materials, labor and manufacturing overheads, and well as cost control and accumulation in a service environment.

Prerequisites: ACCT 2102 and the completion of sixty (60) semester hours

ACCT 4115 Advanced Accounting3 Credits

A comprehensive study of business combinations, the equity and cost of accounting for investments in common stock, and consolidated financial statement preparation. Also, accounting for partnerships, corporate reorganizations, foreign currency transactions, and foreign currency financial statement translation and preparation are introduced in this course.

Prerequisite: ACCT 3112

ACCT 4116 Accounting for Not-For-Profit Institutions3 Credits

A course focusing on the basic concepts and techniques of fund accounting, including budgeting and management accounting problems for governmental, educational, religious, and charitable organizations.

Prerequisites: ACCT 2102 and the completion of sixty (60) semester hours

ACCT 4117 Auditing3 Credits

A comprehensive study of the philosophy, concepts, and techniques used by independent auditors. Topical coverage includes professional ethics, standards, audit programs, study and evaluation of internal control, auditors' opinions, statistical sampling techniques, and EDP auditing.

Prerequisite: ACCT 3112

ACCT 4130 CPA Law Review3 Credits

A course that prepares students for the law portion of the CPA exam. The course includes a review of the following business law subjects which are traditionally emphasized on the CPA exam and not covered in BUSA 2106: accountant liability and malpractice, forms of business organizations (agencies, partnerships, corporations, estates, and trusts), contract law and the Uniform Commercial Code (sales and leases; commercial paper, bank deposits and collections and funds transfers; letters of credit; bulk transfers; warehouse receipts, bills of lading and other documents of title; secured translations).

Prerequisite: BUSA 1100, 2106

BUSINESS ADMINISTRATION

BUSA 1105 Introduction to Business3 Credits

An integrative study of the functional areas of business (finance, operations, marketing, human resources, etc.)

BUSA 2105 Communicating in the Business Environment 3 Credits
 An emphasis on both interpersonal, and organizational communication through written and oral exercises appropriate to business practice.

Prerequisites: ENGL 1101, 1102; CSCI 1130

BUSA 2106 The Environment of Business 3 Credits
 An introduction to the legal, regulatory, political, social, ethical, cultural, environmental, and technological issues which form the context for business and an overview of the impact of demographic diversity on organizations.

Prerequisite: BUSA 1100

BUSA 4116 Business Research 3 Credits
 A course that examines the scientific method as applied to business research problems. The use of primary and secondary information for management decision-making is examined. Survey design, questionnaire construction, sampling processes, and data analysis are studied indepth. The course requires the extensive use of the computer for word processing and statistical analysis.

Prerequisites: MGNT 3165; MKTG 3175; QUAN 2182

BUSA 4125 Public Policy 3 Credits
 A course that discusses the external environment of the firm and ways in which the environment influences business decision-making and business operations. The course integrates all parts of business environment into a balanced analysis of the whole business system and develops a conceptual framework that can be helpful in business policy formulation. The course also attempts to forecast the future shape of business and its environment.

Prerequisite: MGNT 3165

BUSA 4126 Business Policy 3 Credits
 A capstone course in the College of Business Administration required of all seniors. The course integrates subject matter from the business core courses and other disciplines. This course focuses on integrated approaches to medium and long-term organizational challenges in a dynamic environment. Students develop managerial skills and learn to appreciate the role of all managers in the formulation and implementation of organizational strategies.

Prerequisites: All Area F courses and the completion of ninety (90) semester hours

BUSA 4229 Administrative Practice and Internship 3 Credits
 A course providing experiential learning in business. One hundred (100) hours of practical work experience are required in industry or municipal work environments. In addition, weekly seminars will be conducted in the study of administrative practices, human relations, business etiquette, and ethical organizational practices.

Prerequisites: MGNT 3165, at least a 2.8 GPA, and the completion of ninety (90) semester hours

BUSA 4240 International Business Internship 3/6 Credits
 An internship opportunity which serves as a vehicle for providing the student with meaningful, real time management experience. The internship also provides students an opportunity to be immersed in a foreign culture and have close, regular, sustained, and professional contact with the individuals of different Cultures. Firms which agree to a partnership with the University are carefully selected to ensure that they are committed to quality management education will avail interns of significant opportunities to gain meaningful experience, will assign senior personnel to

serve as mentors, and will monitor students' progress and report on it. Students who intern abroad receive six credit hours.

Prerequisites: Completion of sixty (60) semester hours

COMPUTER INFORMATION SYSTEMS

CISM 3000 Information Technology: Issues and Applications3 Credits

A course for nonbusiness majors. This course exposes students to various software packages and hardware configuration so that they can use current technology to solve real world organizational problems. The course reviews the functions of information systems in a business organization, the introduction of new technology, and the introduction of new information systems into organizations. The course also introduces students to information systems concepts that support organizational strategies and operations. Business majors may not take this course for credit.

Prerequisites: Completion of sixty (60) semester hours

CISM 3135 Advanced Computer Applications in Business3 Credits

A course focusing on various software and hardware so that students can learn to use current technology to solve real-world business problems. The course includes spreadsheet software, graphics software, presentation software, and database management software. Students explore the Internet, including e-mail, telnet, gopher, FTP, World Wide Web, Web page publishing, and browser usage.

Prerequisite: Completion of sixty (60) semester hours

CISM 3136 Introduction to Programming: COBOL3 Credits

An introduction to programming and the COBOL Programming Language. The topics covered in this course are psuedocode, IPO charts, and flowcharts. Single and two dimension tables, sequential file processing, and breaks are introduced.

Prerequisite: Completion of sixty (60) semester hours

CISM 3137 System Analysis and Design3 Credits

An introduction to concept of the system development life cycle (SDLC). Systems development techniques, methodologies, and CASE tools are introduced.

Prerequisite: CISM 3136

CISM 4135 Networking and Data Communication3 Credits

An introduction to the principles and techniques of data communications. The course covers the topics of transmission media and modes, communication protocols, network installation, backup, and recovery.

Prerequisite: CISM 3136

CISM 4136 Object Oriented Programming in C++3 Credits

An introduction to the concept of object-oriented programming by using C++. The topics covered in this course include data abstraction, inheritance, polymorphism, and information hiding.

Prerequisite: CISM 3136

CISM 4137 Database Design and Implementation3 Credits

An introduction to the concept of database processing. The topics covered in this course are the components of database systems (DBMS), the entity/relationship diagrams, semantic object models as well as normalization and the relational model.

Prerequisite: CISM 3137

CISM 4138 Contemporary Topics in CIS3 Credits

A course that examines current issues in CIS. Topics may include visual programming, RAD techniques, building Internet applications, and advanced networking techniques.

Prerequisite: CISM 3136

CISM 4232 Desktop and Web Page Publishing3 Credits

A course that focuses on planning, designing, and preparing computer-generated visuals and print-based documents, using presentation and desktop publishing software to graphically enhance information for more effective communication, with emphasis on quality, efficiency, and effectiveness.

Prerequisite: CSCI 1130

ECONOMICS

ECON 2105 Principles of Macro-Economics3 Credits

An introduction to concepts that enable students to understand and analyze economics aggregates and evaluate economic policies.

Prerequisites: MATH 1111; BUSA 1100

ECON 2106 Principles of Micro-Economics3 Credits

An introduction to concepts that enable students to understand and analyze the structure and performance of the market economy.

Prerequisites: MATH 1111; BUSA 1100

ECON 3000 Survey of Economics3 Credits

A course exposing nonbusiness students to selected subjects in introductory micro and macro economics. It includes selected topics of intermediate micro and macro theory applicable to organizations and collective systems. Business majors may not take this course for credit.

Prerequisite: Completion of sixty (60) semester hours

ECON 3145 Global Business Issues3 Credits

A survey of environmental factors, such as culture, economics, law, and politics, affecting international business decision-making. The impact of the globalization of markets and competition as well as the increasing role of multinational corporations is emphasized.

Prerequisites: ECON 2105, 2106, and the completion of sixty (60) semester hours

ECON 3160 Economic Geography3 Credits

The study of the nature and causes of the distribution of economic resources and activities. The lessons derived from location theory and the theories of economic development will be employed as tools in the effort to understand inter-regional differences in wealth, productivity, technological development, and human settlements. Special emphasis will be given to the pattern of distribution of resources and markets in African countries.

Prerequisite: Completion of sixty (60) semester hours

ECON 3175 Money, Credit and Banking3 Credits

A course that examines the principles of money and banking with special reference to their functions, credit, the banking process, the banking system, foreign and domestic exchange, the business cycle, and the history of banking.

Prerequisite: ECON 2106

ECON 4145 International Economics3 Credits

An introduction to the modern theory of international trade, payments mechanism, commercial policy, and economic integration.

Prerequisites: ECON 2105, 2106

FINANCE

FINC 3000 Personal Finance3 Credits

A course designed to acquaint nonbusiness students with the tools and constructs necessary for economic survival. This course focuses on consumer credit, savings and investment, insurance, home ownership, and estate planning. Business majors may not take this course for credit.

Prerequisite: Completion of sixty (60) semester hours

FINC 3155 Business Finance3 Credits

Financial management of nonfinancial corporations and the role of interest rates and capital markets in the economy. Topics will include the structure and analysis of financial statements, time value of money calculations (using financial calculators), stock and bond valuation, financial forecasting, valuation of income-producing physical assets, determination of the cost of capital, the profitability of proposed investments in fixed assets, risk-return tradeoffs that must be considered in using financial leverage, and methods used in obtaining funds from the various capital markets. This course is taught mainly through lectures and class discussions of textual materials and problems.

Prerequisites: ECON 2105, 2106; ACCT 2102; QUAN 2182 and the completion of sixty (60) semester hours

FINC 3157 Investments3 Credits

The construction and management of optimal investment portfolios, utilizing primary investment instruments, such as common stocks and fixed income securities. The main topics covered include the organization and operation of securities markets (both domestic and international), the notion of risk and return and strategies for optimal diversification of risk. Other important topics covered include models for determining the value of different securities, theories of interest rates, and the measurement of portfolio performance. The course is taught mainly through lectures and class discussions of textual materials.

Prerequisite: FINC 3155

FINC 4155 International Finance3 Credits

An introduction to foreign exchange risk. This course develops students' understanding of institutional realities encountered by the financial manager in a global economic environment. Activities of currency arbitrage, hedging, and speculation are examined in light of exchange rate regimes, Eurocurrency markets, balance of payments, mechanics of foreign exchange markets, currency futures and options, the parity conditions in international finance, and international trade activities.

Prerequisite: FINC 3155

MANAGEMENT

MGNT 3000 Survey of Management and Marketing3 Credits

An overview of management and marketing concepts. Course content is broad in scope, providing students with a foundation. Emphasis is placed on integrating

management and marketing skills in an organizational framework. Business majors may not take this course for credit.

Prerequisite: Completion of sixty (60) semester hours

MGNT 3165 Organizational Behavior and Theory 3 Credits

The study of management theory and practice and their impact on organizations. Individual and group behavior within organizations and their relationship to the management of the organization are topics of study. Additionally, a number of other important topics are covered, such as the functions and structures of management in the organizational environment, communications, leadership, human resource management, and organizational development and change, and their effect on both productivity and performance. Emphasis is placed on understanding the social, psychological, and cultural aspects of the work situation.

Prerequisites: ECON 2105, 2106

MGNT 3167 Management of Technology 3 Credits

A course designed to train future business managers in the use of current information technologies and to develop strategies for integration of current information technologies into general business operations in order to maximize the benefits from such integration. This course will also review the functions of information systems in business organizations, the critical success factors to be derived from introducing new technologies, and the procedures for introducing new information systems into business organizations.

Prerequisites: MGNT 3165; CISM 3135

MGNT 3196 Introduction to Small Business Management

and Entrepreneurship 3 Credits

Management of newly created or newly acquired small businesses. Beginning with traits commonly found in successful entrepreneurs, students cover the various topics necessary to develop and run a profitable business. The topics include business entity forms, marketing for small/fledgling businesses, advertising, elements of business plan, risk management, and staffing decisions.

Prerequisite: MGNT 3165

MGNT 3197 Finance for Small Business and Entrepreneurship . . . 3 Credits

A course focusing on the characteristics of successful investment and financing decisions from a small business perspective. The topics covered include the financial resources available to entrepreneurs, the financial management of enterprises, financial distress, deal structuring, business valuation, and internal financial control.

Prerequisite: FINC 3155

MGNT 4165 Human Resource Management 3 Credits

A course focusing on the principles, practices, and scientific techniques and methods involved in the development and operation of an effective personnel and industrial relations program. The topics covered include the methods and procedures used by business management in recruiting, selecting, and maintaining an efficient work force.

Prerequisite: MGNT 3165

MGNT 4166 Labor-Management Relations 3 Credits

The development of organized labor, the theory and practice of collective bargaining, and the legal and economic aspects of employer-employee relations.

Prerequisite: MGNT 3165

MGNT 4167 Training and Development for Human Resources . . . 3 Credits

A focus on developing a philosophy of teaching and the development of skills for delivery of instructional systems, analysis, design, development, delivery, and evaluation of

instruction. Curriculum development, learning theories, instructional strategies, and professional development for professional trainers are emphasized.

Prerequisite: MGNT 3165

MGNT 4168 International Business Management3 Credits

A course divided into three major parts. Part one covers the various dimensions of the international business field, including brief coverage of the major theories of international trade and investment. Part two deals with the environment in which international business operates, the financial variables, including balance of payment, exchange rates, and capital markets, along with the cultural, legal, political, and economic institutions with which international business firms may come in contact. Part three concentrates on the operation aspects of international business; the firm-specific variables including marketing, finance, management, accounting; and attempts to integrate the environmental with the firm-specific variables into a meaningful, conceptual framework.

Prerequisite: MGNT 3165

MGNT 4169 Total Quality Management3 Credits

An introduction to the topic of quality in the management of modern organizations. Approaches of the major contributors such as Deming, Juran, and others are examined. This course provides business students with a set of skills for achieving and maintaining quality and process or service control. The course emphasizes the strategic importance of quality, statistical process control methods, problem-solving tools, and the management of quality.

Prerequisite: MGNT 3165

MGNT 4198 Entrepreneurship3 Credits

An exploration of the personal qualities of successful entrepreneurs. This course provides students with information required in order to establish a new business venture and presents the unique management problems that face entrepreneurs when starting and operating new ventures. The course provides the student with an opportunity to research the idea of starting or taking over a business.

Prerequisite: MGNT 3196

MGNT 4199 Small Business Entrepreneurial Strategy3 Credits

A course that uses a case study approach. This course is designed to allow students to perform indepth case analysis of small/entrepreneurial businesses. The course culminates with students developing a comprehensive strategic plan for an entrepreneurial venture.

Prerequisite: MGNT 4198

MARKETING

MKTG 3175 Principles of Marketing3 Credits

A comprehensive overview of the marketing process for goods, services and ideas. The course is taught from a marketing management and decision-making perspective. Topics such as the organization's environment, marketing research, and buyer behavior are discussed as the context in which marketing plans and strategy are formulated. In addition, the marketing decision elements, product, distribution, promotion, and price are examined. Finally, topics such as international marketing, service marketing, and nonprofit marketing are explored.

Prerequisite: ECON 2105

MKTG 3176 Professional Selling3 Credits
 Course designed to introduce the basic principles and techniques of professional selling. Students build strategies for effective selling and practice approaches to presenting products, handling objections, and closing sales. The economic and psychological motives of the buyer are examined in both industrial and consumer goods and services markets. Some special topics such as telemarketing and sales technologies are also introduced.

Prerequisite: MKTG 3175

MKTG 3177 Retail Management3 Credits
 A course that deals with broad aspects of contemporary retailing. It covers the principles of retail store management, including strategic planning, location decisions, merchandise planning, budgeting decisions, inventory, pricing, advertising, and selling strategies. Legal and ethical constraints are also examined.

Prerequisites: MKTG 3175; FINC 3155

MKTG 3178 Consumer Behavior3 Credits
 An examination of the basic concepts and research results from marketing and the social sciences with the goal of enabling marketers to better understand customers and meet their needs. The decision process of buyers, factors affecting purchasing decisions, and customer satisfaction are major conceptual areas of the course. Implications for marketing strategies (e.g., market segmentation and product design and promotion) are discussed.

Prerequisite: MKTG 3175

MKTG 4175 Advertising3 Credits
 A course that examines advertising as a business and as a multidisciplinary subject that draws from both the arts and sciences. The first half of the course takes an analytical perspective, focusing on the history of advertising, as well as the social, legal, ethical, and economic issues. The second half of the course assumes a managerial perspective as students learn about the advertising process and create an advertising campaign.

Prerequisite: MKTG 3175

MKTG 4176 Contemporary Topics in Marketing3 Credits
 An elective for marketing, management, or computer information systems majors. The course contains a variety of topics that are offered annually on a rotating basis. These topics may include, but are not limited to, buyer behavior, database marketing, channels of distribution, transportation and logistics, or case studies in marketing.

Prerequisite: MKTG 3175

**MKTG 4179 International Marketing
 and Export Management3 Credits**
 A course that focuses on the marketing mix issues that are faced by large and small multinational organizations. Marketing decisions related to product line, branding, communications, distribution, and pricing are addressed.

Prerequisites: MGNT 3165; MKTG 3175

QUANTITATIVE METHODS

QUAN 2181 Quantitative Methods of Business I3 Credits
 The elements of statistics, analytic geometry, and calculus required to develop a mathematical foundation for advanced business studies.

Prerequisite: MATH 1111

QUAN 2182 Quantitative Methods of Business II3 Credits

An introduction to the methods of scientific inquiry and statistical inference. Subjects covered are sampling, parameter estimating, hypothesis testing, determination of the nature and strength of relationships among variables, decision theory, time series analysis, and non-parametric methods. The course develops proficiency in the use of statistical software. Spreadsheets and statistical packages are used extensively.

Prerequisite: QUAN 2181

**QUAN 3185 Quantitative Methods and
Production Management3 Credits**

An introduction to selected advanced quantitative methods. The course is designed to facilitate the development of a basic understanding of operations management from the strategic viewpoint through shop floor control methodology.

Prerequisites: QUAN 2182 and the completion of sixty (60) semester hours

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

DEPARTMENT OF FINE ARTS

- Art
- Music
- Music (Teacher Certification)

DEPARTMENT OF HUMANITIES

- English Language and Literature
- English Language and Literature (Teacher Certification)
- Foreign Languages
- Mass Communications
- Religious and Philosophical Studies

DEPARTMENT OF RECREATION

- Physical Education
- Health Education
- Recreation and Park Administration

DEPARTMENT OF SOCIAL AND BEHAVIORAL SCIENCES

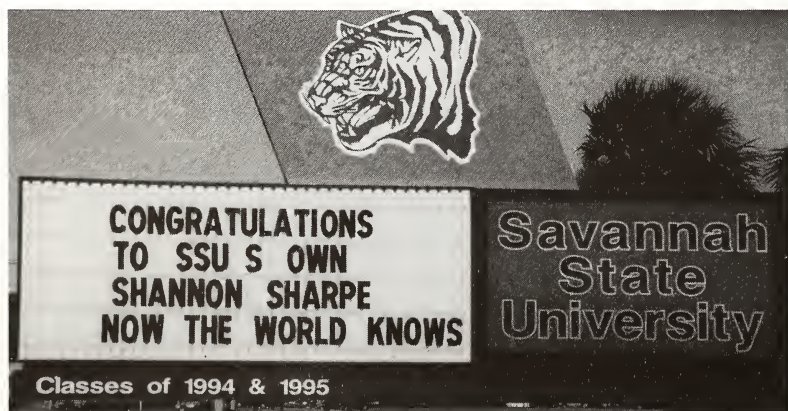
- African and African-American Studies
- Criminal Justice
- Gerontology
- History
- History (Teacher Certification)
- Political Science
- Political Science (Teacher Certification)
- Psychology
- Sociology

DEPARTMENT OF SOCIAL WORK

- Social Work
- Master of Social Work

MASTER OF PUBLIC ADMINISTRATION PROGRAM

- Master of Public Administration



COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

The College of Liberal Arts and Social Sciences is comprised of five departments—Fine Arts, Humanities, Recreation, Social and Behavioral Sciences, and Social Work—and one program, the Master of Public Administration. The College offers majors in English, mass communications, music, history, criminal justice, social work, sociology, political science, recreation and park administration, and African-American studies. Minors are offered in the following areas: African-American studies, mass communications, English, art, music, religion and philosophy, psychology, history, sociology, criminal justice, gerontology, political science, recreation and park administration, voice, and theatre. The College also offers two Master's degree programs, the Master of Public Administration and the Master of Social Work.

The College of Liberal Arts and Social Sciences is committed to the mission of Savannah State University. The College strives to assure an academic milieu that fosters excellent teaching, scholarly activities, service to students and meaningful community outreach. The College recognizes its rich cultural history as central to the ethos of the University.

The goals of the College of Liberal Arts and Social Sciences are as follows:

- To provide students with a body of knowledge in the humanities, social sciences, arts, and wellness that empowers critical, visionary scholarships;

- To promote an environment that encourages students to develop intellectually, physically, ethically, emotionally and aesthetically;

- To provide learning experiences that promote critical and analytical thinking and effective communication skills;

- To promote applied research and creative and scholarly activity among faculty and students;

- To serve as an educational resource for cultural enrichment and economic growth throughout southeast Georgia;

- To foster cultural diversity;

- To emphasize traditions of African American and African culture and serves as a repository of knowledge about African American experiences; and

- To promote a desire for learning, a concern for humanity, and the ideals of equality, citizenship and social justice.

DEPARTMENT OF FINE ARTS

The Department of Fine Arts offers courses leading to a Bachelor of Arts (BA) degree in music, with concentrations in musical history and literature or theory and performance. Public school teacher certification in music is possible, with professional education courses taken in collaboration with Armstrong Atlantic State University. Successful solo audition and entrance tests are requirements for acceptance into the music program major. Minors in art, music, and theatre are offered.

The objectives of the department are to develop an appreciation of culture and aesthetics; to develop individual ability and intellectual curiosity through performance, research, and other scholarly activity; to develop an awareness of social and civil responsibility; to provide special training in art, music, and theatre; and to develop cultural transmitters in an ever-increasing technological society.

ADMISSION TO THE MUSIC PROGRAM

It is desirable that all applicants for admission to the major program in music will have at least two years of previous musical training in the vocal and/or instrumental areas. By aptitude test and individual audition, the department will determine the applicant's theoretical knowledge, instrumental and/or vocal proficiency, and general professional fitness for the program. This information will serve as a guide to the department in helping applicants to plan their college work. A senior recital is required.

Prior to undertaking the specialized curriculum of a specific degree program, all students are expected to complete the University's core curriculum.

MAJOR IN MUSIC

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
MUSC 1311 Music Theory I	3 hours
MUSC 1312 Music Theory II	3 hours
Applied courses	4 hours
(MUSC 1411-1422 and 2431-2432 or 1534-1535 and 2534-2535, or 1644-1645 and 2644-2645)	
MUSC 2121 History and Literature of Music I	3 hours
MUSC 2122 History and Literature of Music II	3 hours
Ensembles	2 hours
(MUSC 1408-1409 and 2408-2409 or MUSC 1608-1609 and 2608-2609 or MUSC 1808-1809 and 2808-2809)	
Major Requirements:	34 hours
MUSC 1531-1532 Fundamentals of Piano	2 hours
MUSC 2101-2102 Music Theory II	6 hours
MUSC 2531-2532 Intermediate Piano	2 hours
MUSC 3011 African-American Music	3 hours
MUSC 3111 Music Theory III	2 hours
MUSC 3401 Orchestration and Instrumentation	2 hours
MUSC 3531-3532 Advanced Piano	2 hours

MUSC 3751 Conducting	2 hours
MUSC 4011-4012 Music Theory IV	4 hours
MUSC 4490 Senior Recital (Note: Students enroll in the senior recital course appropriate to their musical focus— band instrument, piano, or voice.)	1 hour
MUSC 4531-4532 Senior Piano	2 hours
MUSC Electives	6 hours
Minor	15-18 hours
General Electives	8-11 hours
Total Hours Required for the Major in Music	125 hours

MINOR IN ART

The minor in art consists of 15 hours of 3000 and 4000 level courses in art.

MINOR IN THEATER

The minor in theater consists of 15 hours in speech and theater courses.

DEPARTMENT OF FINE ARTS COURSES

MUSIC COURSES

Ensemble Courses:

Students can elect to participate in band and choral organization for elective credit.

MUSC 1408 Band Organization (1st Semester)	1 hour
MUSC 1409 Band Organization (2nd Semester)	1 hour
MUSC 2408 Band Organization (1st Semester)	1 hour
MUSC 2409 Band Organization (2nd Semester)	1 hour
MUSC 3408 Band Organization (1st Semester)	1 hour
MUSC 3409 Band Organization (2nd Semester)	1 hour
MUSC 4408 Band Organization (1st Semester)	1 hour
MUSC 4409 Band Organization (2nd Semester)	1 hour
MUSC 1608 Choral Organization (1st Semester)	1 hour
MUSC 1609 Choral Organization (2nd Semester)	1 hour
MUSC 2608 Choral Organization (1st Semester)	1 hour
MUSC 2609 Choral Organization (2nd Semester)	1 hour
MUSC 3608 Choral Organization (1st Semester)	1 hour
MUSC 3609 Choral Organization (2nd Semester)	1 hour
MUSC 4608 Choral Organization (1st Semester)	1 hour
MUSC 4609 Choral Organization (2nd Semester)	1 hour
MUSC 1808 Chamber Organization (1st Semester)	1 hour
MUSC 1809 Chamber Organization (2nd Semester)	1 hour
MUSC 2808 Chamber Organization (1st Semester)	1 hour
MUSC 2809 Chamber Organization (2nd Semester)	1 hour
MUSC 3808 Chamber Organization (1st Semester)	1 hour
MUSC 3809 Chamber Organization (2nd Semester)	1 hour
MUSC 4808 Chamber Organization (1st Semester)	1 hour
MUSC 4809 Chamber Organization (2nd Semester)	1 hour

DESCRIPTION OF COURSES

MUSIC COURSES

MUSC 1101 Music Appreciation 3 Credits
 An introductory music course which emphasizes the repertoire most frequently heard in concert halls today—music from the baroque period to the present. Course content includes jazz, American popular idioms, and music from a wide span of cultures, including Indian, Arabic, Indonesian, African, Japanese, and Chinese.

MUSC 1201 Fundamentals of Music 3 Credits
 Course in rudiments of music designed for non-music majors.

MUSC 1211 Introduction to Music Literature 2 Credits
 Survey course for the improvement of musical standards. Elements of music; composers and their contributions in different periods of musical development; acquaintance with orchestra and other instruments and voice ranges. Includes style developments in their historical settings.

MUSC 1311 Theory I 3 Credits
 Course in notation, time signatures, major and minor scales, intervals, melodic and rhythmic problems, sight reading and musical dictation.

MUSC 1312 Theory I 3 Credits
 A continuation of MUSC 1312. Course in notation, time signatures, major and minor scales, intervals, melodic and rhythmic problems, sight reading and musical dictation.

MUSC 1411 Applied Band Instrument (Music Majors Only) 1 Credit
 A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor. Individual lessons and periodic performance expected.

MUSC 1412 Applied Band Instrument (Music Majors Only) 1 Credit
 A continuation of MUSC 1411.

**MUSC 1421 Applied Major Area—Band Instruments
 (Music Majors Only) 1 Credit**
 A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor. Individual lessons scheduled and periodic performance expected.

**MUSC 1422 Applied Major Area—Band Instruments
 (Music Majors Only) 1 Credit**
 A continuation of MUSC 1421.

**MUSC 1423 Fundamentals of Band Instruments
 (Music Majors Only) 1 Credit**
 Individual brass, woodwind and percussion lessons. Basic elements of technique studied through musical literature. Percussion players introduced to basic drum rudiments.

**MUSC 1424 Fundamentals of Band Instruments
 (Music Majors Only) 1 Credit**
 A continuation of MUSC 1423.

- MUSC 1531 Fundamentals of Piano**1 Credit
A course that introduces techniques and basic musical knowledge such as notes, time signature, tempo markings, fingering and phrasing.
- MUSC 1532 Fundamentals of Piano**1 Credit
A continuation of MUSC 1531.
- MUSC 1534 Applied Major Area—Piano (Music Majors Only)**1 Credit
A course devoted to the development of proficiency in a specific areas of applied music selected by the student with the consent of advisor. Regular lessons and periodic performances expected.
- MUSC 1535 Applied Major Area—Piano (Music Major Only)**1 Credit
A continuation of MUSC 1534.
- MUSC 1561 Class Piano**1 Credit
A course designed for beginning piano students. Emphasis given to music reading and elementary techniques. Designed for non-music majors.
- MUSC 1562 Class Piano**1 Credit
A continuation of MUSC 1561.
- MUSC 1641 Fundamentals of Voice (Music Majors Only)**1 Credit
A course stressing vocal technique, diction, breathing, and posture applied to songs with specific vocal problems. By permission of instructor only.
- MUSC 1642 Fundamentals of Voice (Music Majors Only)**1 Credit
A continuation of MUSC 1641.
- MUSC 1644 Applied Major Area—Voice (Music Majors Only)**1 Credit
A course devoted to the development of proficiency in a specific area of applied music selected by the students with consent of advisor. Regular lessons scheduled and periodic performances expected.
- MUSC 1645 Applied Major Area—Voice (Music Majors Only)**1 Credit
A continuation of MUSC 1644.
- MUSC 1651 Class Voice**1 Credit
Emphasis placed on a practical knowledge of the vocal instrument. Includes application through the mechanical concepts of singing and the study of appropriate literature. Course designed for beginning singers. For non-music majors.
- MUSC 1652 Class Voice**1 Credit
A continuation of MUSC 1651.
- MUSC 2101 Theory II**3 Credits
A continuation of MUSC 1311 and MUSC 1312. Diatonic harmony, modulation, chromatic chords, modes, harmonizations from melody and bass, analysis of examples.
- MUSC 2102 Theory II**3 Credits
A continuation of MUSC 2101. Diatonic harmony, modulation, chromatic chords, modes, harmonizations from melody and bass, analysis of examples.
- MUSC 2121 History and Literature of Music I**3 Credits
A survey of the history of music from the beginning of the Christian era to the Baroque period. Emphasis placed upon a study of representative works by major composers, together with a comprehensive analysis of style and musical development.
- MUSC 2122 History and Literature of Music II**3 Credits
A continuation of MUSC 2121 beginning with the Baroque period to the present.

- MUSC 2421 Woodwind Methods**1 Credit
An introduction to the principles of woodwind instrumental performance and pedagogy. Concentration on the techniques of group performance.
- MUSC 2422 Brass Methods**1 Credit
An introduction to the principles of brass instrumental performance and pedagogy. Concentration on the techniques of group performance.
- MUSC 2423 Percussion Methods**1 Credit
An introduction to the principles of percussion instrumental performance and pedagogy. Concentration on the techniques of group performance.
- MUSC 2431 Applied Major Area—Band Instrument
(Music Majors Only)**1 Credit
A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor. Regular lessons and periodic performances expected.
- MUSC 2432 Applied Major Area—Band Instrument
(Music Majors Only)**1 Credit
A continuation of MUSC 2431.
- MUSC 2433 Intermediate Instruments (Non-music Majors Only)** ..1 Credit
A continuation of MUSC 1421-1422. Advanced basic elements expanded through performance of musical literature.
- MUSC 2434 Intermediate Instruments (Non-music Majors Only)** ..1 Credit
A continuation of MUSC 2433.
- MUSC 2531 Intermediate Piano (Music Majors Only)**1 Credit
A continuation of MUSC 1534/1535. Such skills as memorization, sight-reading, harmonization, and transposition are additional goals.
- MUSC 2532 Intermediate Piano (Music Majors Only)**1 Credit
A continuation of MUSC 2531.
- MUSC 2534 Applied Major Area—Piano (Music Majors Only)**1 Credit
A course devoted to the development of proficiency in a specific area of applied music selected by the students with the consent of their advisor. Regular lessons scheduled and periodic performances expected.
- MUSC 2535 Applied Major Area—Piano (Music Majors Only)**1 Credit
A continuation of MUSC 2534.
- MUSC 2641 Intermediate Voice (Non-music Majors Only)**1 Credit
A continuation of MUSC 1641-1642. Advanced basic elements of tone production, diction, breathing, and style, expanded through performance of selected musical literature.
- MUSC 2642 Intermediate Voice**1 Credit
A continuation of MUSC 2641.
- MUSC 2644 Applied Major Area—Voice (Music Majors Only)**1 Credit
A course devoted to the development of proficiency in a specific area of applied music selected by the student with consent of their advisor. Regular lessons scheduled and periodic performances expected.
- MUSC 2645 Applied Major Area—Voice (Music Majors Only)**1 Credit
A continuation of MUSC 2644.

MUSC 3001 Survey of Music Literature3 Credits
The history of music with emphasis on genres, style changes, and cultural forces.
Open to all students.

MUSC 3011 African-American Music3 Credits
A cultural analysis of African folk music and its influence upon the development of spirituals, work songs, and jazz. Contributions of African-American music to both popular and classical traditions studied.

MUSC 3101 Jazz Ensemble3 Credits
A course designed to expose students to composers and arrangers of jazz, rock, and soul music. Improvisation also included.

MUSC 3111 Theory III (Form and Analysis)2 Credits
A study of the construction of music from the eighteenth century to the present, including melodic and harmonic analysis of selections by major composers.

MUSC 3201 Symphonic Music Literature3 Credits
A study of the range, playing techniques, and musical characteristics of all instruments with emphasis upon the orchestral score and the writing of music for instrumental ensembles.

MUSC 3401 Orchestration and Instrumentation2 Credits
A study of the range, playing techniques, and musical characteristics of all instruments with emphasis upon the orchestral score and the writing of music for instrumental ensembles.

MUSC 3420 String Methods1 Credit
An introduction to the principles of string instrumental performance and pedagogy. Concentration on the techniques of group performance.

**MUSC 3421 Applied Major Area—Band Instruments
(Music Majors Only)1 Credit**
A course devoted to the development of proficiency in a specific area of applied music selected by the student with consent of advisor. Regular lessons and periodic performances expected.

**MUSC 3422 Applied Major Area—Band Instruments
(Music Majors Only)1 Credit**
A continuation of MUSC 3421.

MUSC 3423 Advanced Instruments (Music Majors Only)1 Credit
A continuation of MUSC 2421-2422. Technical study of the instrument further developed through performance of musical literature.

MUSC 3424 Advanced Instruments (Music Majors Only)1 Credit
A continuation of MUSC 3423.

MUSC 3454 Band Methods2 Credits
A course designed to present ideas, suggestions, and various methods involved in operating a band program.

MUSC 3455 Band Repertory2 Credits
A course designed to expose and present works for band with regards to style, difficulty, scoring, rhythm and melodic lines, and other critical aspects of playing, interpreting, and performing band literature.

MUSC 3531 Advanced Piano1 Credit
A course in which students are expected to cover advanced materials and display technical skills. Development of repertoire stressed.

- MUSC 3532 Advanced Piano**1 Credit
A continuation of MUSC 3531.
- MUSC 3534 Applied Major Area—Piano (Music Majors Only)**1 Credit
A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of an advisor. Regular lessons scheduled, and periodic performances expected.
- MUSC 3535 Applied Major Area—Piano (Music Majors Only)**1 Credit
A continuation of MUSC 3534.
- MUSC 3560 Piano Pedagogy**1 Credit
A course that covers methods and materials for teaching individuals and classes of both children and adults. Demonstration hours included. Offered as needed for keyboard majors.
- MUSC 3601 Choral Literature**3 Credits
The study of the literature and performance practices of various periods, the history of choral music, study of representative works of English, Italian, German and American composers.
- MUSC 3620 Choral Techniques**3 Credits
Course designed to develop basic techniques for choral musicians. Discussions include meter pattern, preparator beats, cluing, diction, blend, balance, and intonation.
- MUSC 3641 Advanced Voice (Nonmusic Majors Only)**1 Credit
A continuation of MUSC 2641-2642. Further advanced techniques studied through selected musical literature.
- MUSC 3642 Advanced Voice**1 Credit
A continuation of MUSC 3641.
- MUSC 3644 Applied Major Area—Voice (Music Majors Only)**1 Credit
A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor. Regular lessons scheduled and periodic performances expected.
- MUSC 3645 Applied Major Area—Voice (Music Majors Only)**1 Credit
A continuation of MUSC 3644.
- MUSC 3651 English and Italian/German/French Diction**1 Credit
A course to assist students with the pronunciation and sounds of English, Italian, French, and German for good vocal performance.
- MUSC 3652 English and Italian/German/French Diction**1 Credit
A continuation of MUSC 3651.
- MUSC 3653 Vocal Pedagogy**1 Credit
Methods and materials for the studio.
- MUSC 3751 Conducting**2 Credits
A study of the techniques of conducting and interpretation of instrumental and choral literature.
- MUSC 3652 Advanced Choral Conducting II**2 Credits
A continuation of MUSC 3751, with choral music concentration.
Prerequisite: MUSC 3751
- MUSC 3753 Advanced Instrument Conducting II**2 Credits
A continuation of MUSC 3751, with instrumental music concentration.
Prerequisite: MUSC 3751

- MUSC 4010 Modern Music** **.2 Credits**
A study of compositions written since 1900 with emphasis upon recent developments in form, compositional techniques, and new media of musical expression.
- MUSC 4011 Theory IV Counterpoint and Composition** **.2 Credits**
Consonance and dissonance, species counterpoint in several parts, simple fuges, twentieth century linear techniques.
Prerequisites: MUSC 2101, 2102
- MUSC 4012 Theory IV Counterpoint and Composition** **.2 Credits**
A continuation of MUSC 4011.
- MUSC 4420 Seminar: Instrumental Pedagogy and Techniques** **.1 Credit**
A course designed to use comprehensive methods and materials in understanding the repertoire of instrumental music.
- MUSC 4421 Applied Major Area—Band Instruments**
(Music Majors Only) **.1 Credit**
A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor. Regular lessons and periodic performances will be expected of the student.
- MUSC 4422 Applied Major Area—Band Instruments**
(Music Majors Only) **.1 Credit**
A continuation of MUSC 4421.
- MUSC 4423 Senior Instruments (Non-music Majors Only)** **.1 Credit**
Concert repertoire and public performance required.
- MUSC 4424 Senior Instruments** **.1 Credit**
A continuation of MUSC 4423.
- MUSC 4490 Senior Recital—Band Instrument**
(Offered as needed) **.1 Credit**
The culmination of the applied classes where students present a sixty minute recital.
- MUSC 4511 Keyboard Literature (1700-1850)** **.1 Credit**
Literature for stringed keyboard instruments from Bach and his contemporaries through early romantics. Historical, stylistic, formal and aesthetic features. (Offered every 2 years)
- MUSC 4512 Piano Literature (1850 to present)** **.1 Credit**
Historical, stylistic features of the late romantic through the present period, including works by African-American composers. (Offered every 2 years)
- MUSC 4531 Senior Piano** **.1 Credit**
A course that stresses concert repertoire and public performances.
- MUSC 4532 Senior Piano** **.1 Credit**
A continuation of MUSC 4531.
- MUSC 4534 Applied Major Area—Piano (Music Majors Only)** **.1 Credit**
A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor. Regular lessons scheduled and periodic performances expected.
- MUSC 4535 Applied Major Area—Piano (Music Majors Only)** **.1 Credit**
A continuation of MUSC 4534.
- MUSC 4590 Senior Recital—Piano (Offered as needed)** **.1 Credit**
The culmination of applied classes where students present a sixty minute recital.

- MUSC 4461 Opera and Art Song Literature 2 Credits**
 A course in which students listen with scores to representative opera and art song selections from various historical periods. Alternate years.
Prerequisites: French and German
- MUSC 4641 Senior Voice (Non-music Majors Only) 1 Credit**
 A continuation of MUSC 3641-3642. Concert repertoire and public performance required.
- MUSC 4642 Senior Voice 1 Credit**
 A continuation of MUSC 4641.
- MUSC 4644 Applied Major Area—Voice (Music Majors Only) 1 Credit**
 A course devoted to the development of proficiency in a specific area of applied music selected by the student with the consent of advisor.
- MUSC 4690 Senior Recital—Voice (Offered as needed) 1 Credit**
 A course offered in fulfillment of the Bachelor of Arts degree for music. It is a continuation of all voice courses studies. Students must perform a sixty minute public recital, representing all major periods of music. The songs must be performed in French, Italian, German, Spanish, and English.
- MUSC 4790 Senior Recital—Music Minor (Offered as needed) 1 Credit**
 A course offered in fulfillment of the vocal minor. Students must present a 30-minute public recital and sing in English and at least one additional language.

ART COURSES

- ARTS 1101 Introduction to Art 3 Credits**
 An exploration of the basic elements and principles of two- and three-dimensional art. A look at how artists apply the elements, principles, materials, and techniques to create their own style. The works of contemporary African-American artists are highlighted.
- ARTS 3201 Drawing I 3 Credits**
 Basic drawing materials and techniques. Elements and principles of art are studied through still life and nature subject matter. Introduction to computer drawing is optional.
- ARTS 3211 Drawing II 3 Credits**
 An introduction to the study of landscape and the human figure. Elements and principles of design will be reviewed. The course explores various materials and techniques. Basic introduction to computer drawing is optional.
- ARTS 3301 Printmaking I 3 Credits**
 An exploration of line, texture, pattern, and shape combined with the basic techniques of relief printmaking in the production of woodcuts and linoleum cuts.
- ARTS 3311 Printmaking II 3 Credits**
 Basic elements of design, composition, and drawing applied to the techniques of relief printmaking in the production of woodcuts and linoleum cuts.
- ARTS 3401 Basic Design I 3 Credits**
 Basic elements, principles, materials, and techniques of two-dimensional visual art. Students are expected to research and write.
- ARTS 3411 Basic Design II 3 Credits**
 Basic elements, principles, materials, and techniques of three-dimensional visual art. Students are expected to research and write.

- ARTS 3501 Crafts I**3 Credits
Experiences in significant craft materials: wood, fabrics, fibers, and metals. Students learn elementary loom weaving techniques, fabric printing and painting, jewelry and metal work, macrame, and techniques of wood crafts.
- ARTS 3502 Crafts II**3 Credits
Continuation of Crafts I. Emphasis on jewelry and metal work.
- ARTS 3601 African-American Art**3 Credits
Study of African-American Art of the eighteenth, nineteenth, and twentieth century.
- ARTS 4101 Illustration I**3 Credits
Exploration of illustration as a means of communicating ideas in nonverbal/pictorial ways. A variety of drawing styles, techniques, and materials will be explored in creation of drawings and illustrations for this class.
- ARTS 4111 Illustration II**3 Credits
Exploration of basic design, composition, style, and techniques and the development of problem solving skills in the creation of finished illustrations. A variety of drawing styles, techniques, and materials will be explored.
- ARTS 4301 Painting I**3 Credits
Painting media and techniques of oil, acrylic, or watercolor.
- ARTS 4311 Painting II**3 Credits
Continuation of Painting I. Emphasis on advanced techniques and easel and mural designs.
- ARTS 4601 Art History**3 Credits
Chronological review of art of the ancient world in prehistoric times to the study of the visual arts during the twentieth century. Field visits to city, county, and state museums and galleries.
- ARTS 4701 Ceramics**3 Credits
Study of ceramics materials and processes such as modeling, hand building, and basic wheel techniques. Emphasis on designing, constructing, glazing, and firing earthenware and stoneware clays.
- ARTS 4711 Sculpture**3 Credits
Study of three-dimensional forms and the limitations of sculptural media. Experiences include work in clay, wood, stone, metal, and plastic.
- ARTS 4801 Interior Design**3 Credits
Planning, designing, and decorating single and multiroom dwellings to meet modern aesthetic needs.
- ARTS 4811 Weaving**3 Credits
Techniques of weaving on four harness table of floor looms. Recent trends and developments are studied for creative drafting and pattern weaving. The course also covers concepts of design, color, and texture as used in textile construction.

SPEECH COURSES

- SPEH 1101 Principles of Speech**1 Credit
A general speech course for all students at the University.
Prerequisite: Sophomore standing

SPEH 2101 Voice and Diction2 Credits
A study of the vocal mechanism with a view toward understanding and appreciating the production of human sound.

SPEH 2111 Oral Interpretation2 Credits
A course designed to assist students in learning to present the literary genre orally to a specific audience.

SPEH 4101 Advanced Speech3 Credits
A course which emphasizes self-improvement in all phases of diction and delivery and provides experience in various speaking situations.
Prerequisite: SPEH 1101 or its equivalent

THEATRE COURSES

THEA 2101 Introduction to Theatre3 Credits
A course designed to introduce students to the theatre arts and theatre appreciation. An option for those satisfying the core requirements.

THEA 3101 Elementary Acting2 Credits
Study and practice in the fundamentals of acting technique based on play and character analysis. The importance of voice, posture, gesture, and movement in theatrical expressiveness is stressed.

THEA 4101 Introduction to Drama3 Credits
A course designed to acquaint students with some of the significant dramas past and present.
Prerequisite: Completion of core curriculum requirements

THEA 4111 Play Production3 Credits
A course designed to prepare students to stage a play. The course provides exposure to some of the structural elements and those of spectacle. It begins with a concept of drama in transition and branches off into some of the theories behind drama and its production.

THEA 4201 Play Auditioning and Directing2 Credits
A course teaching students how to select a play, choose a cast, and produce a play.
Prerequisite: THEA 4111

DEPARTMENT OF HUMANITIES

The Department of Humanities offers courses leading to the baccalaureate degree (B.A.) in two areas: (1) English language and literature and (2) mass communications. Minor programs are available in English, mass communications, religious and philosophical studies, French, and Spanish. The department also offers courses in Arabic, German, Chinese, African and African-American Studies, Regents' remediation (reading and essay), critical thinking, and interdisciplinary humanities. A teacher certification program in English language and literature is offered in conjunction with Armstrong Atlantic State University.

The objectives of the department are

1. to prepare students for graduate study in English language and literature and in mass communications;
2. to serve as a preprofessional area for students preparing for advanced study in other areas, such as law, library science, and medicine;
3. to prepare students for employment in teaching and in nontraditional careers for humanities majors (banking, insurance, management, government, etc.);
4. to prepare students for careers in mass communications in three areas: print media, electronic media, and public relations and advertising;
5. to help students develop competence in English communicative skills: reading, writing, speaking, listening, analysis, and critical thinking;
6. to help students develop competence in one or more foreign languages;
7. to develop students' knowledge and appreciation of art, literature, music, philosophy, and religion, with recursive reference to and study of black African and African-American humanities; and
8. to contribute significantly to the interdisciplinary major in African and African-American Studies.

FRESHMAN ENGLISH

Entering freshmen who meet the requirements of regular admission are placed in English 1101. Applicants for admission who do not meet the requirements for regular admission must take the Collegiate Placement Examination (CPE). On the basis of their performance on the English section of this test (including a writing sample), these students are assigned to English 1101 or to English 0099 in the Division of Learning Support.

ADVANCED PLACEMENT AND CREDIT BY EXAMINATION

Students who earned the grade of 3 or above on the Advanced Placement Test or 47 on the Freshman English CLEP may be exempted from English 1101 with credit.

Students who earned the grade of B or above in advanced placement language (French, German, Spanish, Arabic or Chinese) or 4 or above on the Advanced Placement Test may be exempted from the first course in language (1001).

MAJOR IN ENGLISH LANGUAGE AND LITERATURE

Students majoring in English language and literature should complete at least forty-one semester hours in language, writing, literature, and speech and drama beyond Area F requirements. English courses taken in the core curriculum Areas A, B, C, and F may not be counted as a part of the forty-one hours required for the major.

As sophomores, students should prepare to major in English by taking ENGL 2104 and 2105. For students majoring in English, these two courses are *prerequisites* to all other English courses except ENGL/SPEH 4101.

Courses required for the major are the advanced speech course (ENGL/SPEH 4101), the two introductory courses in English literature (ENGL 2121-2122), the two introductory courses in American literature (ENGL 2131-2132), two courses in language (ENGL 3321-3322), one course in creative writing (ENGL 3411, 3412, or 3413), one advanced course in English literature (ENGL 3011, 3012, 3013, 3014, 3015, 3016, or 4121), the course in Shakespeare (ENGL 4011), one advanced course in American literature (ENGL 4121, 4311, 4321, 4331, 4332, or 4335), one advanced course in African-American literature (ENGL 3212, 3216, 4211, 4217, or 4218), and the senior seminar (ENGL 4700). Other English courses are electives.

ACADEMIC REQUIREMENTS FOR THE BACCALAUREATE DEGREE IN ENGLISH

Candidates for the baccalaureate degree in the Department of Humanities must pass the reading and essay writing components of the Regents' Testing Program (RTP).

Senior English majors must take the Graduate Record Examination (GRE).

Senior English majors must also take the departmental exit examination.

Students enrolled in the English degree program will be assigned an academic advisor by the chair of the department. Students are required to be counselled by an advisor prior to registering for a course.

Students must complete all Areas A-F courses prior to enrolling in upper level courses.

Students must earn a minimum grade of "C" in all prerequisite courses prior to registering for an upper level course.

Students must earn a minimum grade of "C" in all major courses and all courses that are appropriate to the major. Generally, the courses that are "appropriate to the major" are listed under Area F courses.

PROGRAM OF STUDY MAJOR IN ENGLISH LANGUAGE AND LITERATURE

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
ENGL 2104 Advanced Composition	3 hours
ENGL 2105 Practical Criticism	3 hours

One of the following courses:

ENGL 2111 World Literature I	3 hours
ENGL 2112 World Literature II	3 hours

One of the following courses:

ENGL 2121 British Literature I	3 hours
ENGL 2131 American Literature I	3 hours
Foreign language sequence	6 hours

(The sequence may include the second elementary level course and the first intermediate level course of the same language or two intermediate level courses in the same language.)

Major Requirements: 41 hours

ENGL 2121 or 2131 British or American Literature I	3 hours
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Note: If ENGL 2121 is selected in Area F, then ENGL 2131 is required here; if ENGL 2131 is selected in Area F, then ENGL 2121 is required here.

ENGL 2122 British Literature II	3 hours
ENGL 2132 American Literature II	3 hours
ENGL 3321 Introduction to Language Study	3 hours
ENGL 3322 History of the English Language	3 hours
ENGL 4011 Shakespeare	3 hours

Choose one of the following courses in creative writing:

ENGL 3411 Creative Writing: Fiction	2 hours
ENGL 3412 Creative Writing: Drama	2 hours
ENGL 3413 Creative Writing: Poetry	2 hours

Choose one of the following courses in British literature:

ENGL 3011 Medieval English Literature	3 hours
ENGL 3012 Renaissance English Literature	3 hours
ENGL 3013 Neoclassic English Literature	3 hours
ENGL 3014 Romantic English Literature	3 hours
ENGL 3015 Victorian English Literature	3 hours
ENGL 3016 Modern English Literature	3 hours
ENGL 4021 The English Novel	3 hours

Choose one of the following courses in American literature:

ENGL 4121 American Women's Writing	3 hours
ENGL 4311 Romantic American Literature	3 hours
ENGL 4321 American Literary Realism	3 hours
ENGL 4331 Modern American Novel	3 hours
ENGL 4332 American Short Story	3 hours
ENGL 4335 Modern American Poetry	3 hours

Choose one of the following courses in African-American literature:

ENGL 3212 African-American Oral Tradition	3 hours
ENGL 3216 African-American Poetry	3 hours
ENGL 4211 African-American Drama	3 hours
ENGL 4217 African-American Fiction	3 hours
ENGL 4218 African-American Nonfiction	3 hours

SPEH 4101 Advanced Speech	3 hours
ENGL Electives	6 hours
ENGL 4700 Senior Seminar	3 hours

Minor Field	15 hours
Open Electives	4 hours
Total Hours Required for Major in English Language and Literature	125 hours

MAJOR IN MASS COMMUNICATIONS

The mass communications degree program is an interdisciplinary program which offers students who are interested in a professional communications career an opportunity to be flexible.

The program, which leads to the B.A. degree, allows students the option of concentrating in print journalism, radio and television, or public relations and advertising.

Enriched knowledge and understanding of the nature, circumstances, and aspirations of people are derived from historical, literary, social, philosophical, and theological studies, which are traditionally called humanistic. Therefore, the mass communications program utilizes these disciplines to assist students to develop basic insights into human nature and to acquire humanistic principles upon which the media must rest.

Additionally, students are provided with the opportunity to further enhance their skills by working as volunteers at WHCJ-FM Radio and by working on the staff of the University newspaper, The Tiger's Roar.

ACADEMIC REQUIREMENTS FOR THE BACCALAUREATE DEGREE IN MASS COMMUNICATIONS

Candidates for the baccalaureate degree in the Department of Humanities must pass the reading and essay components of the Regents' Testing Program (RTP).

Students enrolled in the mass communications degree program will be assigned an academic advisor by the chair of the department. Students are required to be counselled by an advisor prior to registering for a course.

Students must complete all Areas A-F courses prior to enrolling in upper level courses.

Students must earn a minimum grade of "C" in all prerequisite courses prior to registering for an upper level course.

Students must earn a minimum grade of "C" in all major courses and all courses that are appropriate to the major. Generally, the courses appropriate to the major are listed under Area F courses.

Senior mass communications majors must pass the departmental exit examination.

PROGRAM OF STUDY MASS COMMUNICATIONS MAJOR

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
COMM 2101 Writing for the Media	3 hours
COMM 2105 Mass Media and Society	3 hours
COMM 2106 African-Americans in the Media	3 hours
Foreign language sequence	6 hours
<i>(1002/2001 or 2001/2002 in any one language)</i>	
GEOG 1101 Introduction to Human Geography	3 hours
PRINT CONCENTRATION	39 hours
ENGL 2104 Advanced Composition	3 hours
POLS 3511 Organizational Theory and Behavior	3 hours
COMM 3101 Media Arts and Design.	3 hours
COMM 3105 Writing for Newspapers and Magazines	3 hours
COMM 3110 Desktop Publishing	3 hours
COMM 3120 Introduction to Communications Theory	3 hours
COMM 3201 Feature Writing	3 hours
COMM 4170 Advanced Newspaper Writing and Reporting	3 hours
COMM 4201 Copy Editing	3 hours
COMM 4402 Public Relations and Advertising Campaigns	3 hours
COMM 4705 Communications Law and Ethics	3 hours
COMM 4902 Professional Media Internship	3 hours
<i>Choose one of the following courses:</i>	
COMM 3102 Photo-Journalism	3 hours
COMM 3130 History of Journalism	3 hours
COMM 4105 Editorial Writing	3 hours
COMM 4211 Newspaper Production	3 hours
COMM 4810 Introduction to Communications Research	3 hours
Minor Field	15 hours
Electives	6 hours
Total hours required for the major in Mass Communications with Print Concentration	125 hours
RADIO AND TELEVISION CONCENTRATIONS	39 hours
ENGL 2104 Advanced Composition	3 hours
POLS 3511 Organizational Theory and Behavior	3 hours
COMM 3101 Media Arts and Design.	3 hours
COMM 3120 Introduction to Communications Theory	3 hours
COMM 3301 Writing for Radio and T.V.	3 hours
COMM 3302 Speech for Radio and Television	3 hours
COMM 3310 Introduction to Radio and T.V. Production	3 hours
COMM 4107 Advanced Television Production	3 hours
COMM 4110 Advanced Radio Production	3 hours
COMM 4705 Communications Law and Ethics	3 hours
COMM 4815 The Documentary	3 hours
COMM 4902 Professional Media Internship	3 hours

Choose one of the following courses:

COMM 3102 Photo-Journalism	3 hours
COMM 3110 Desktop Publishing	3 hours
COMM 3130 History of Journalism	3 hours
COMM 4406 Public Relations and Advertising Workshop	3 hours
COMM 4810 Introduction to Communications Research	3 hours

Minor Field **15 hours**

Electives **6 hours**

**Total Hours Required for the Major in Mass Communications
with Radio and Television Concentration** **125 hours**

PUBLIC RELATIONS AND ADVERTISING

CONCENTRATION	42 hours
ENGL 2104 Advanced Composition	3 hours
POLS 3511 Organizational Theory and Behavior	3 hours
MGNT 3000 Management/Market Survey	3 hours
COMM 3801 Media Management	3 hours
COMM 3101 Media Arts and Design	3 hours
COMM 3110 Desktop Publishing	3 hours
COMM 3120 Introduction to Communications Theory	3 hours
COMM 3401 Introduction to Public Relations and Advertising ..	3 hours
COMM 4101 Advertising Copy Writing	3 hours
COMM 4402 Public Relations and Advertising Campaigns	3 hours
COMM 4406 Public Relations and Advertising Workshop	3 hours
COMM 4705 Communications Law and Ethics	3 hours
COMM 4810 Professional Media Internship	3 hours

Choose one of the following courses:

COMM 3102 Photo-Journalism	3 hours
COMM 3130 History of Journalism	3 hours
COMM 3301 Introduction to Radio and Television Production ..	3 hours
COMM 4810 Introduction to Communications Research	3 hours

Minor Field **15 hours**

Electives **3 hours**

**Total Hours Required for the Major in Mass
Communications with Public Relations Concentration** ... **125 hours**

MINOR IN ENGLISH LANGUAGE AND LITERATURE

A minor in English consists of a minimum of fifteen hours beyond ENGL 1102. Students minoring in English are required to take English 2105 as a *prerequisite* to all other English courses except ENGL/SPEH 4101 and ENGL 2104. Other courses required for the minor are one course in English literature, one course in American literature, and one course in African-American literature. Additional English courses needed to complete the minor are electives (excluding the honors thesis, ENGL 4800, which only English majors may take).

MINOR IN MASS COMMUNICATIONS

All students completing a minor in mass communications are required to take and satisfactorily complete fifteen semester hours which must include COMM 2101

and other communications courses at 3000 or higher levels; however, COMM 2106 (African-Americans in the Media) may be taken with permission of the mass communications coordinator or the chair of the department. Suggested courses include, but are not limited to,

COMM 2101 Writing for the Media (required)	3 hours
COMM 3110 Desktop Publishing	3 hours
COMM 3120 Introduction to Communications Theory (Prerequisite: Junior standing)	3 hours
COMM 3302 Speech for Radio and Television	3 hours
COMM 3401 Introduction to Public Relations and Advertising (Prerequisite: COMM 2101)	3 hours

MINOR IN RELIGIOUS AND PHILOSOPHICAL STUDIES

The minor in religious and philosophical studies is designed to provide students with a broad humanistic background in religion and philosophy and to offer students expanded opportunities to pursue liberal studies. The minor consists of fifteen hours (minimum) in religious and philosophical studies, including RPHS 2101.

MINORS IN FRENCH AND SPANISH

The aims of the French and Spanish minors are (1) to develop the ability to communicate in a foreign language; (2) to instill respect for other peoples and other cultures; (3) to develop an appreciation for the artistic expressions which are found in other languages, and (4) to bring about a greater awareness of our cultural heritage. The French or Spanish minor consists of the second intermediate course in the language and twelve additional hours at the junior or senior level.

Prior to enrolling in a foreign language course, students take a placement test. Depending on the results of that test, students are placed in either an elementary level course (1001 or 1002) or in the first intermediate course (2001). Students should take note of the language requirements in their majors since some majors do not permit credit for 1001 or 1002.

DEPARTMENT OF HUMANITIES COURSES

REGENTS' TESTING PROGRAM COURSES

RTPR 0198 Reading3 Credits
Intensive practice in the development of reading skills. Required each semester for students who have not passed the reading section of the Regents' Testing Program by the time they earn 45 semester hours. Passing contingent upon passing the RTP. Institutional credit only.

RTPR 0199 Essay3 Credits
Intensive practice in the development of writing skills. Required each semester for students who have not passed the essay section of the Regents' Testing Program by the time they earn 45 semester hours. Passing contingent upon passing the RTP. Institutional credit only.

ENGLISH COURSES

- ENGL 1101 English Composition I 3 Credits**
 A course designed to develop college-level reading and writing skills. Focuses on vocabulary, analysis of readings, grammar, mechanics, and the steps of the writing process. Introduces documented research and various patterns of organization and development. Minimum passing grade is "C."
Prerequisite: Regular admission or exit from ENGL 0099 and READ 0099
- ENGL 1102 English Composition II 3 Credits**
 A course designed to further develop college-level reading and writing skills. Includes analysis of literary texts and specialized application of the research and writing skills learned in ENGL 1101. Minimum passing grade is "C."
Prerequisite: ENGL 1101
- ENGL 2104 Advanced Composition 3 Credits**
 Further practice in writing the basic composition forms, as well as intensive study of semantics, logic, rhetoric, and grammar. Frequent papers and conferences with instructor. Required for English majors.
Prerequisite: ENGL 1102
- ENGL 2105 Practical Criticism 3 Credits**
 Practice in literary analysis, close reading, and research, utilizing standard literary terminology and the Modern Language Association (MLA) documentation style. Frequent papers and conferences with instructor. Required for English majors and minors.
Prerequisite: ENGL 1102
- ENGL 2111 World Literature I 3 Credits**
 Survey of important works of world literature from ancient times through the mid-seventeenth century.
Prerequisite: ENGL 1102
- ENGL 2112 World Literature II 3 Credits**
 A survey of important works of world literature from the mid-seventeenth century to the present.
Prerequisite: ENGL 1102
- ENGL 2121 Introduction to English Literature I 3 Credits**
 A survey of English writing from Beowulf to the Romantic period.
Prerequisites: ENGL 2104, 2105
- ENGL 2122 Introduction to English Literature II 3 Credits**
 A survey of English writing from the Romantic period to the contemporary period.
Prerequisites: ENGL 2104, 2105
- ENGL 2131 Introduction to American Literature I 3 Credits**
 A study of the main currents of literary thought and expression in America from the colonial period to 1865.
Prerequisites: ENGL 2104, 2105
- ENGL 2132 Introduction to American Literature II 3 Credits**
 A study of the main currents of literary thought and expression in America from 1865 to the present.
Prerequisites: ENGL 2104, 2105

ENGL 3011 Medieval English Literature3 Credits
 Literature in the Middle English and Scots dialects (some works are studied in modern translations), including verse romances, the allegorical tradition, the poetry of Chaucer, drama, and folk ballads.

Prerequisites: ENGL 2121, 2122

ENGL 3012 Renaissance English Literature3 Credits
 Literature primarily of the Elizabethan and Jacobean eras, with emphasis on the transition from medieval to modern ideas, the rise and flowering of English drama, and the emergence of contrasting prose styles and schools of poetry. Includes such writers as Marlowe, Spenser, Shakespeare, Jonson, Donne, Bacon, and Milton.

Prerequisites: ENGL 2121, 2122

ENGL 3013 Neoclassic English Literature3 Credits
 Literature from the Restoration through most of the eighteenth century, with emphasis on Neoclassic ideals and modes, the comedy of manners, the rise of modern prose, the prevalence of satire and the heroic couplet, and the cult of sensibility. Includes such writers as Congreve, Dryden, Swift, Pope, Sheridan, Goldsmith, Johnson, and Boswell.

Prerequisites: ENGL 2121, 2122

ENGL 3014 Romantic English Literature3 Credits
 The genesis of Romantic theory and the beginning of the Romantic revolt in English; significant literary aspects of the movement as shown in the works of Wordsworth, Coleridge, Byron, Shelley, and Keats; in the prose writing of Hazlitt, DeQuincey, Hunt, Lamb, and Scott.

Prerequisites: ENGL 2121, 2122

ENGL 3015 Victorian English Literature3 Credits
 Literature during the reign of Queen Victoria, showing the merging of the Romantic tradition into the era of modern doubt. Includes such writers as Carlyle, Tennyson, the Brownings, Arnold, Ruskin, Meredith, the Rossettis, Swinburne, Pater, Hopkins, and Wilde.

Prerequisites: ENGL 2121, 2122

ENGL 3016 Modern English Literature3 Credits
 Literature from the Edwardian period through the two world wars and decolonization to the present. Includes such writers as Hardy, Shaw, Conrad, Yeats, Joyce, Woolf, Lawrence, Eliot, Graves, Auden, Thomas, Beckett, Osborne, Pinter, and Stoppard.

Prerequisites: ENGL 2121, 2122

ENGL 3111 Major Authors Since 19503 Credits
 A survey of major trends and recent works in world literature, including American. Covers such topics as drama of the absurd, magical realism, and feminism.

Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 3121 (Also RPHS 3121) The Bible as Literature3 Credits
 Critical survey of the various forms of literature found in the Old and New Testaments.

Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 3212 (Also AAAS 3212) African-American Oral Tradition . . .3 Credits
 Studies African-American folklore, preaching and speaking, and the lyrics of spirituals, blues, and rap in relation to African roots, historical conditions, and literary practice.

Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 3213 (Also AAAS 3213) African Literature3 Credits
 An introduction to the "orature" and literatures (anglophone and, in translation, vernacular, francophone, Swahili, and Arabic) of sub-Saharan Africa. Includes such writers as Achebe, Soyinka, Armah, Okri, Ngugi, Senghor, Beti, Oyono, Fagunwa, and Salih.
Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 3216 (Also AAAS 3216) African-American Poetry3 Credits
 A survey of African-American poetry from the nineteenth century through the Harlem Renaissance to contemporary poetry, examining its relationships to the oral tradition and to literary, social, and political influences. Includes such writers as Claude McKay, Langston Hughes, Gwendolyn Brooks, Nikki Giovanni, Sonia Sanchez, and Rita Dove.
Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 3218 (Also AAAS 3218) African-Caribbean Literature3 Credits
 An introduction to the literature of the Caribbean produced by writers of African descent. Includes such writers as Walcott, Braithwaite, Lamming, Marshall, Kincaid, Césaire, and Guillen.
Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 3321 Introduction to Language Study3 Credits
 A general survey of linguistic science with emphasis on phonetics, morphology, syntax, and sociolinguistics.
Prerequisites: ENGL 2104, 2105

ENGL 3322 The History of the English Language3 Credits
 A study of the historic-comparative method, linguistic change, and the history of the English language, with extensive treatment of the development of English in America.
Prerequisite: ENGL 3321

ENGL 3323 Advanced Grammar and Syntax3 Credits
 Intensive analysis and application of the structure of contemporary English, with emphasis on parts of speech, the verb system, and sentence structure. Theoretical issues, such as prescriptive versus descriptive grammar, may also be discussed.
Prerequisite: ENGL 3321

ENGL 3411 Creative Writing: Fiction2 Credits
 Practice in writing fiction, with readings in technique, analysis of sample fictional works, and instruction in submitting writings for publication. Frequent papers and conferences with instructor.
Prerequisites: ENGL 2104, 2105

ENGL 3412 Creative Writing: Drama2 Credits
 Practice in writing drama, with readings in technique, analysis of sample plays, and instruction in submitting works for production. Frequent papers and conferences with instructor.
Prerequisites: ENGL 2104, 2105

ENGL 3413 Creative Writing: Poetry2 Credits
 Practice in writing poetry, with readings in technique, analysis of sample poems, and instruction in submitting writings for publication. Frequent papers and conferences with instructor.
Prerequisites: ENGL 2104, 2105

ENGL 3511 Drama and the Theater I3 Credits
 A study of world drama from the earliest times through the mid-seventeenth century.
Prerequisites: ENGL 2104, 2105

ENGL 3512 Drama and the Theater II3 Credits

A study of world drama from the mid-seventeenth century to the present.

Prerequisites: ENGL 2104, 2105

ENGL 3521 Introduction to Cinema Studies3 Credits

Introduction to techniques for critically analyzing films and survey of major developments and achievements in the history of cinema.

Prerequisites: ENGL 2104, 2105

ENGL 3611 Literature of the City3 Credits

A study of literature that explores the role of the urban environment in shaping human consciousness and activities. Considers such writers as John Dos Passos, Tennessee Williams, and Langston Hughes.

Prerequisites: ENGL 2104, 2105

ENGL 3621 Nature Writing3 Credits

A survey of the best of American and English nature writing, beginning in the early 1700s with White and Bartram and concluding with the contemporary masters of the genre. The course will emphasize the growing movement in ecology and make use of outside speakers and field trips.

Prerequisites: ENGL 2104, 2105

ENGL 3631 The Epic Tradition3 Credits

A study of the epic from classical antiquity to Milton.

Prerequisites: ENGL 2104, 2105

ENGL 4011 Shakespeare3 Credits

Reading and critical discussion of the great tragedies, comedies, and historical plays of Shakespeare with attention to Shakespeare's life and to Elizabethan theatre.

Prerequisites: ENGL 2121, 2122

ENGL 4021 The English Novel3 Credits

An evaluative study of works of great English novelists. Rise and development of the English novel, together with an analytical appraisal of four elements—setting, character, plot and philosophy. Readings and discussion of various types, with emphasis upon the variety of methods by which the novel interprets life.

Prerequisites: ENGL 2121, 2122

ENGL 4101 (Also SPEH 4101) Advanced Speech3 Credits

A course emphasizing self-improvement in all phases of diction and delivery and providing experience in various speaking situations.

Prerequisite: SPEH 1101 or its equivalent

ENGL 4112 History of Literary Criticism3 Credits

A survey of literary criticism from Plato, Aristotle, Longinus, and the Sophists through the modern and early contemporary period (including formalism, ethical criticism, structuralism, and the Black Arts movement). Emphasis on classic texts.

Prerequisites: ENGL 2104, 2105

ENGL 4121 American Women's Writing3 Credits

A study of writing by American women, from the colonial period to the present, with particular attention to issues of identity and literary authority. The course will consider writers such as Bradstreet, Wheatley, Rowlandson, Fuller, Jacobs, Dickinson, Chopin, Gilman, Wharton, Hurston, Moore, Stein, H.D., Morrison, Walker, and Angelou.

Prerequisites: ENGL 2131, 2132

ENGL 4131 Women in Culture and Society:**The Literary Tradition 3 Credits**

A general overview of women's writings in English from the middle ages to the twentieth century, with particular attention to the way these writers negotiate their literary activity in relation to cultural and social expectations for gender roles. Specific thematic focus will change from semester to semester. Some possibilities include women and spiritual authority; women and political power; women and domesticity; and women and love.

Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 4151 Alternative Forms of Creative and Critical Writing . . . 3 Credits

A writing workshop that explores creative nonfiction; various forms of experimental poetry and prose; the impact of orality, performance, and intermedia on printed text; and the intersection of creative and critical writing.

Prerequisites: ENGL 2104, 2105

ENGL 4211 (Also AAAS 4211) African-American Drama 3 Credits

A study of the development of African-American theater from minstrels to modern theater workshops and the plays of such writers as Langston Hughes, Lorraine Hansberry, Amiri Baraka, Ntozake Shange, and August Wilson.

Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 4217 (Also AAAS 4217) African-American Fiction 3 Credits

A critical survey focusing on leading themes and techniques in the short stories and novels of such authors as Charles Chesnutt, Zora Neale Hurston, Richard Wright, Ralph Ellison, James Baldwin, Toni Morrison, Ishmael Reed, Alice Walker, and Gloria Naylor.

Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 4218 (Also AAAS 4218) African-American Nonfiction 3 Credits

A survey of African-American nonfiction from the early slave narratives to the present, including W.E.B. DuBois, Alex Haley, Alice Walker, and others.

Prerequisites: ENGL 2104 and 2105, or consent of instructor

ENGL 4311 Romantic American Literature 3 Credits

A focus on the Romantic movement in the United States. Includes such writers as Thoreau, Hawthorne, Poe, Melville, Whitman, and Dickinson.

Prerequisites: ENGL 2131, 2132

ENGL 4321 American Literary Realism 3 Credits

A focus on the Realist and Naturalist movements in the United States, including local color writers. Includes such writers as Twain, Crane, James, Norris, Chesnutt, Chopin, and Dreiser.

Prerequisites: ENGL 2131, 2132

ENGL 4331 Modern American Novel 3 Credits

A survey from the early twentieth century to the present, with emphasis on leading themes and techniques. Includes such writers as Fitzgerald, Faulkner, Hemingway, Bellow, Vonnegut, and Morrison.

Prerequisites: ENGL 2131, 2132

ENGL 4332 American Short Story 3 Credits

A survey of the development of the short story as a literary form from Poe to the present. Includes such writers as Harte, Henry, Anderson, Faulkner, Hemingway, O'Connor, Updike, Carver, and Barthelme.

Prerequisites: ENGL 2131, 2132

- ENGL 4335 Modern American Poetry3 Credits**
 A survey of poetry in the twentieth century, with emphasis on leading themes, techniques, and movements. Includes such writers as Frost, Pound, Eliot, Stevens, Cummings, Williams, Hughes, Roethke, Ginsberg, Lowell, Plath, and Dove.
Prerequisites: ENGL 2131, 2132
- ENGL 4400 Special Topic3 Credits**
 An in-depth exploration of a literary topic. The topic changes each time the course is offered. Examples of topics include **The Gullah Culture**, **Contemporary Multi-ethnic American Literature**, **Islamic Literature** (in translation), **Latin American Fiction** (in translation), and **Japanese Literature** (in translation). Can be repeated for credit with different topics.
Prerequisites: ENGL 2104 and 2105, or consent of instructor
- ENGL 4551 Postcolonial Studies3 Credits**
 An exploration of such concerns as race, gender, nationality, and postcolonial subjectivity. Texts studied will include such writers as Jean Rhys, V. S. Naipul, Salman Rushdie, Grace Nichols, and Okot p'Bitek, along with such theorists and critics as Homi Bhabha and Frantz Fanon.
Prerequisites: ENGL 2104 and 2105, or consent of instructor
- ENGL 4611 Practicum/Workshop: Small Press Production3 Credits**
 Hands-on course in all phases of journal and small book production, from conception to distribution. Participants will work on individual book projects and collaboratively develop a nationally distributed literary journal. Working as members of a production team, students will gain practical experience in areas such as budgeting, manuscript solicitation, review and editing, product design, layout, and camera-ready copy preparation; post-production activities such as LC cataloging, distribution, and promotion.
Prerequisites: ENGL 2104 and 2105, or consent of instructor
- ENGL 4621 Introduction to Contemporary Popular Culture Studies3 Credits**
 Examines pop culture icons and issues since World War II in both American mainstream and counterculture milieus, from Hollywood to Hip Hop. Studies current (modern and postmodern) trends in pop culture/culture theory (from Frankfurt School materialist socialism to techno-theory). Multicultural orientation.
Prerequisites: ENGL 2104 and 2105, or consent of instructor
- ENGL 4631 Literary and Cultural Theory3 Credits**
 Focuses on current trends in literary and cultural theory. Introduction to major schools/tendencies, including Marxist materialism, dialogic and semiotic analysis, deconstruction, reader-response criticism, psychoanalytic criticism, new historicism, materialist feminism, and African-American feminism.
Prerequisites: ENGL 2104, 2105
- ENGL 4641 Hypermedia and Humanities Research3 Credits**
 Team-taught in conjunction with Computer Information Systems. Applies current methods and trends in interactive computer technology to the preparation and presentation of scholarly research in the humanities. Internet-based group projects integrating audio, visual, and written material using current multimedia presentational software will be required. Students will learn to research on the Internet, create stand-alone multimedia presentations, and develop interactive hypermedia presentations on the Net.
Prerequisites: CISM 3136 or equivalent and ENGL 1102

ENGL 4700 Senior Seminar3 Credits
 A capstone course in which students will be guided to synthesize previous course-work through intensive study of literary movements, genres, and authors. Methods include small group discussion, formal and informal oral presentations, and conferences with the professor. Each student will prepare a major paper demonstrating skill in research, writing, and critical thinking.

Prerequisites: Senior standing and permission of the department chair

ENGL 4800 Honors Thesis3 Credits
 Independent study resulting in a thesis.

Prerequisite: Open by permission only to senior English majors with a minimum 3.0 average

FOREIGN LANGUAGES COURSES

ARABIC

ARAB 1001 Elementary Arabic I3 Credits
 An introduction to elementary modern standard Arabic. The courses will focus on the phonology and writing system. Lectures in Arabic civilization and culture will be integrated into the language study.

ARAB 1002 Elementary Arabic II3 Credits
 A continuation of Elementary Arabic I. The emphasis will be on speaking and writing skills. Intensive practice of sentence structure and basic vocabulary will be required. Various aspects of Arabic culture will be examined.

Prerequisite: ARAB 1001

ARAB 2001 Intermediate Arabic I3 Credits
 An intensive review of grammar and sentence structure, along with drills in reading, speaking and writing. Language instruction will be supplemented with lectures and audio-video presentations.

Prerequisite: ARAB 1002 or placement test

ARAB 2002 Intermediate Arabic II3 Credits
 Continuation of Intermediate Arabic I.

Prerequisite: ARAB 2001

CHINESE

CHIN 1001 Elementary Chinese I3 Credits
 An introduction to elementary Chinese. This course focuses on listening, speaking, writing, and reading everyday Chinese. Lectures on Chinese civilization will be integrated into the language study.

CHIN 1002 Elementary Chinese II3 Credits
 A continuation of Elementary Chinese I with more emphasis on writing. Intensive practice in grammar and composition will be required. Continuing study of Chinese culture.

Prerequisite: CHIN 1001

CHIN 2001 Intermediate Chinese I3 Credits
 Intensive review of grammar and sentence structure, with emphasis on writing, speaking, and reading. Some cultural aspects will also be studied

Prerequisite: CHIN 1002 or placement test

CHIN 2002 Intermediate Chinese II3 Credits
 Continuation of Chinese 2001.
Prerequisite: CHIN 2001

FRENCH

FREN 1001 Elementary French I3 Credits
 A beginning French course which focuses on practice in hearing, speaking, reading, and writing everyday French. The culture and civilization of France are also stressed.

FREN 1002 Elementary French II3 Credits
 A continuation of French 1001 with emphasis on hearing, speaking, reading and writing.
Prerequisite: FREN 1001

FREN 2001 Intermediate French I3 Credits
 An intensive review of basic French with more emphasis on speaking, reading, and writing. Various cultural aspects of France and Francophone countries are examined.
Prerequisite: FREN 1002 or placement test

FREN 2002 Intermediate French II3 Credits
 A continuation of intermediate French I. Intensive review in writing, speaking, and reading.
Prerequisite: FREN 2001

FREN 3101 Advanced Conversation and Composition3 Credits
 Intensive practice in conversational French based upon written texts and audio-visual documents. Development of writing and stylistic skills in addition to advanced review of grammatical structure.
Prerequisite: FREN 2002

FREN 3201 French Civilization3 Credits
 Acquaintance of the student with major contributions of France to Western civilization. The notion of Francophones will also be studied.
Prerequisite: FREN 3101

FREN 3203 Survey of French Literature3 Credits
 Diachronic study of French literature from the middle ages to modern times, with emphasis on major authors and/or works.
Prerequisite: FREN 3101

FREN 3401 Introduction of Business French3 Credits
 Basic notions of management, market studies, insurance, corporate laws, export-import, telecommunications and commercial correspondence will be introduced.
Prerequisite: FREN 3101

FREN 3402 Intermediate Business French3 Credits
 Same emphasis as FREN 3401 in addition to the usage of French Minitel through the Internet.
Prerequisite: FREN 3401

**FREN 4100 Survey of African and Caribbean
 Francophone Literature3 Credits**
 Study of selected writings in prose, poetry, and drama by major French-speaking African, North African, and Caribbean writers.
Prerequisite: FREN 3101

FREN 4500 Study in France3-12 Credits
 Summer study in France with the Study Abroad Program of the University System of Georgia. Topics and levels of study may vary.
Prerequisite: Recommendation of instructor

GERMAN

GRMN 1001 Elementary German I3 Credits
 A beginning course using a practical approach with emphasis on speaking, listening to, and reading everyday German.

GRMN 1002 Elementary German II3 Credits
 Continuation of German 1001 with more emphasis on writing.

Prerequisite: GRMN 1001

GRMN 2001 Intermediate German I3 Credits
 Intensive review of grammar and structures. Practice in speaking and writing based on textual readings.

Prerequisite: GRMN 1002 or placement test

GRMN 2002 Intermediate German II3 Credits
 Continuation of German 2001.

Prerequisite: GRMN 2001

SPANISH

SPAN 1001 Elementary Spanish I3 Credits
 A course for students with little or no previous language study. Practice in listening, speaking, reading, and writing everyday Spanish. Introduction to Spanish culture.

SPAN 1002 Elementary Spanish II3 Credits
 Practice in listening, speaking, reading, and writing Spanish. Continuation of Spanish 1001.

Prerequisite: SPAN 1001

SPAN 2001 Intermediate Spanish I3 Credits
 An intensive review of basic principles of the language; continued practice in listening, speaking, reading, and writing.

Prerequisite: SPAN 1002 or placement test

SPAN 2002 Intermediate Spanish II3 Credits
 Intensive review of basic principles of Spanish; continued practice in listening, speaking, reading, and writing.

Prerequisite: SPAN 2001

SPAN 3101 Advanced Conversation and Composition3 Credits
 A course focusing on understanding, speaking, and writing. Students will give oral presentations and write compositions on assigned topics.

Prerequisite: SPAN 2002

SPAN 3201 Civilization and Culture of Spain3 Credits
 An historical survey of the culture of Spain from the Pre-Roman era to the present. Classes will be conducted in Spanish.

Prerequisite: SPAN 3101

SPAN 3202 Civilization and Culture of Latin America3 Credits
 An historical survey of the culture of Latin American from the Pre-Columbian era to the present. Classes will be conducted in Spanish.

Prerequisite: SPAN 3101

- SPAN 3204 Survey of Literature3 Credits**
 Introduction to some of the principal authors, works, and ideas in the literatures of Spanish-speaking countries.
Prerequisite: SPAN 3101
- SPAN 3401 Introduction to Business Spanish3 Credits**
 A study of business terminology, including letter-writing, insurance, banking, situations dealing with export and import companies, and job interviews.
Prerequisite: SPAN 1002
- SPAN 3402 Intermediate Business Spanish3 Credits**
 A continuation of SPAN 3401 with further emphasis on terminology relating to banking, insurance, letter-writing, job interviews, and exporting and importing.
Prerequisite: SPAN 3401
- SPAN 4101 Beginning Medical Spanish3 Credits**
 A study of terminology vital to medical personnel, nursing students, and anyone in any health-related field.
Prerequisite: SPAN 1002
- SPAN 4102 Intermediate Medical Spanish3 Credits**
 A continuation of SPAN 4101. Students will continue to learn vocabulary useful to any one in any medical or health-related field.
Prerequisite: SPAN 4101
- SPAN 4500 Study Aboard3-12 Credits**
 Students spend one summer in the Study Abroad Program of the University System of Georgia. They take language, literature, and civilization courses and participate in extra-curricular activities, including cultural tours.
Prerequisite: Recommendation of instructor

HUMANITIES COURSES

- HUMN 1101 Critical Thinking2 Credits**
 Development of basic skills necessary for clear thinking in all areas of human experience. Focuses on logical reasoning, effective argumentation, problem-solving, and philosophical and scientific considerations for a systematic philosophy of life. Multicultural perspective.
- HUMN 1102 Critical Thinking in Science1 Credit**
 Study and practice in critical thinking especially designed for science majors. This course will not satisfy the core curriculum requirement for other majors.
- HUMN 2011 Humanities3 Credits**
 Designed as a multicultural, cross-disciplinary course to enable students to discover, interpret, and assess critically the intellectual and aesthetic expressions of cultures of America, Europe, Asia, and Africa.
Prerequisite: ENGL 1102

MASS COMMUNICATIONS COURSES

- COMM 2101 Writing for the Media3 Credits**
 Lecture and laboratory course introducing students to the fundamentals of writing news stories for print and broadcast media including public relations.
Prerequisites: ENGL 1101 and 1102

COMM 2105 Mass Media and Society3 Credits
 General examination of the foundations, organization, control, and current status of the media. Economic and social impact of the media (radio, television, newspapers, books, magazines, and comics) are surveyed. Broad comparisons of the American with foreign media systems are included.

COMM 2106 African-Americans in the Media3 Credits
 A survey of the history, the contributions, representation, and portrayal of African-Americans and other minorities in the media. Assessment of the impact of such portrayal on social, political, and cultural interactions.

COMM 3101 Media Arts and Design3 Credits
 The development of basic skills in graphics for print and television. The course introduces students to the practice of image making and new technologies. It includes layout, page design, and other graphic elements necessary for public relations and advertising campaigns.

COMM 3102 Photo-Journalism3 Credits
 Instruction in taking, developing, and printing pictures for news purposes. Students must have a 35mm camera.

COMM 3105 Writing for Newspapers and Magazines3 Credits
 A continuation of COMM 2101 with emphasis on writing for the print media.

Prerequisite: COMM 2101

COMM 3110 Desktop Publishing3 Credits
 An in-depth, hands-on application of at least two desktop publishing software packages (Pagemaker and Quark Express) as writing tools.

COMM 3120 Introduction to Communications Theory3 Credits
 An overview of the major concepts and applications of human mass communications theories. While interpersonal and intercultural communications will be examined, applications of the theories and concepts in the mass media will be emphasized.

COMM 3130 History of Journalism3 Credits
 An historical survey of the principal developments in journalism from the eighteenth through the twentieth centuries.

COMM 3201 Feature Writing3 Credits
 A course designed to further develop a student's skill in researching, organizing, and writing news features and human interest stories.

Prerequisite: COMM 3105

COMM 3301 Introduction to Radio and T.V. Production3 Credits
 Introduction to television and radio station equipment and pre-production elements necessary to produce a television show.

Prerequisite: COMM 3303

COMM 3302 Speech for Radio and Television3 Credits
 A course designed to teach the basic techniques of radio and television broadcasting. Emphasis on newscasting, advertising, sportscasting, and announcing formats.

Prerequisite: SPEH 1101

COMM 3303 Writing for Radio and Television3 Credits
 A study of basic characteristics of writing for radio and television.

Prerequisite: COMM 2101

COMM 3401 Introduction to Public Relations and Advertising . . .3 Credits

An introduction to the role of public relations and advertising in our society, how “publics” and markets are determined and targeted, the different types of public relations fields, the use of public relations in image packaging, the use of advertising in selling goods and services, and the relationship of advertising agencies to advertisers and media.

Prerequisites: ENGL 1102; COMM 2101

COMM 3402 Advertising Media Sales and Purchases3 Credits

Analysis of major media sales practices, including organization and preparation of radio, newspaper, television, or magazine presentations for advertising clients. Introduction to common media sales terminologies, data collection, and calculations and tools, including ratings and rate cards.

COMM 3801 Media Management3 Credits

Analysis of the functions and responsibilities of the various non-news department managers of television and radio stations and newspapers, with emphasis on the market coverage of the media, profitability, overall programming, and budget; analysis of department administration and operation and relations with regulatory agencies such as the FCC and NAB codes and standards.

COMM 4101 Advertising Copy Writing3 Credits

Principles and practices of planning, preparing, and writing effective advertising messages for newspapers, magazines, industrial publications, the trade press, radio, television, mail order, and billboards. Analysis and critique of current advertisements. Copy and product tests in relation to markets.

COMM 4105 Editorial Writing3 Credits

Conceptualizing, researching, and writing effective editorials for the mass media.

Prerequisite: COMM 3105

COMM 4106 Communications Practicum2 Credits

Intensive field and laboratory practice on video, audio, or print projects under faculty supervision.

Prerequisite: Permission of instructor

COMM 4107 Advanced Television Production3 Credits

Advanced instruction and practice in television production, including directing, programming, and equipment.

Prerequisite: COMM 3301

COMM 4110 Advanced Radio Production3 Credits

Advanced instruction and practice in radio production, including directing, programming, and equipment.

Prerequisite: COMM 3301

COMM 4115 Independent Study3 Credits

Directed individual work under the guidance of various faculty members.

Prerequisite: Permission of the instructor

COMM 4170 Advanced Newspaper Writing and Reporting3 Credits

Instruction and practice in reporting all areas of public affairs. Includes ethics of journalism, law of libel, right of privacy, fair comment and criticism, privileged matter, and other issues.

Prerequisite: COMM 3105

COMM 4201 Copy Editing 3 Credits

Designed to give students training in the theory and practice of copy editing and headline writing. Simulated local news copy and wire service stories are used.

Prerequisite: COMM 3105

COMM 4211 Newspaper Production 3 Credits

Copy editing, headline writing and newspaper layout. Emphasis upon the principles and skills involved in producing a newspaper by the off-set of cold type method.

Prerequisite: Prior approval of instructor

COMM 4402 Public Relations and Advertising Campaigns 3 Credits

Analysis of contemporary public relations and advertising issues. Development of public relations and advertising campaigns involving research, planning, and preparation/presentation for various types of public relations and advertising organizations. Problem-solving and decision-making techniques.

Prerequisites: COMM 3401, 4101

COMM 4406 Public Relations and Advertising Workshop 3 Credits

An intensive, hands-on course that stresses the production of professional quality public relations and/or advertising materials pre-approved or specified by the instructor. Students work in groups but meet as a class with instructor for critiques. Focuses on products that meet professional standards in content, style, and quality.

COMM 4705 Communication Law and Ethics 3 Credits

Study of the laws affecting American media, including the concept of freedom of speech and press, federal regulatory agencies, libel, slander, copyright, and invasion of privacy. Junior or senior standing.

COMM 4810 Introduction of Communications Research 3 Credits

An introduction to social science research concepts and techniques in the study of the mass media. Survey of quantitative research methods in the media situations and media rating services.

Prerequisites: COMM 2105, ENGL 1102, MATH 1101

COMM 4815 The Documentary 3 Credits

A survey and analysis of the documentary format employed in film productions, 1945-1970's, and preparation and production of a mini-documentary.

Prerequisites: COMM 4107, 3303

COMM 4902 Professional Media Internship 3 Credits

A course open only to juniors and seniors majoring in mass communications; Students work with various professional media in Savannah and other areas. Junior or senior standing.

Prerequisites: COMM 2101 and permission of instructor

RELIGIOUS AND PHILOSOPHICAL STUDIES COURSES

RPHS 2101 Introduction to Philosophy 3 Credits

The basic survey course of the field of philosophy. An introduction to logic, ethics, ontology, and religion, etc., as a basis for additional study in philosophy. Required for minors.

RPHS 3101 Philosophy and Psychology of Religion 3 Credits

A study of philosophical concepts associated with religion and the psychology of the religious experience. Team-taught with a member of the Department of Social and Behavioral Sciences.

Prerequisite: RPHS 2101

- RPHS 3102 Philosophy and Psychology of Love 2 Credits**
 A study of the nature of love, using philosophical as well as psychological sources.
Prerequisite: RPHS 2101
- RPHS 3111 Principles of Logic 3 Credits**
 An introduction to the systematic study of reasoning from the time of Aristotle and Plato through such modern thinkers as Boole and Toulmin.
Prerequisite: RPHS 2101
- RPHS 3121 (Also ENGL 3121) The Bible as Literature 3 Credits**
 A critical survey of the various forms of literature in the Old and New Testaments.
Prerequisite: ENGL 2105 or permission of the instructor
- RPHS 3211 (Also AAAS 3211) Religion and the Black Experience
 in America 2 Credits**
 An exploration of the historic roles of religion in the life of Black Americans.
Prerequisite: RPHS 2101 or permission of the instructor
- RPHS 3231 Introduction to Eastern Religions 3 Credits**
 A study of the teachings of Taoism, Confucianism, Hinduism, and the various sects of Buddhism.
Prerequisite: RPHS 2101
- RPHS 4211 Philosophies of the African-American Experience . . . 3 Credits**
 A study of philosophical analyses and reflections relevant to the experiences of African-Americans. Will consider works and ideas of such historical figures as W.E.B. Du Bois and Alain Locke and contemporary thinkers such as bell hooks.
Prerequisite: RPHS 2101 or permission of the instructor
- RPHS 4221 The Jewish and Islamic Traditions 3 Credits**
 A study of religious thought as it has influenced the Old Testament, the New Testament, and the Koran.
Prerequisite: RPHS 2101
- RPHS 4241 Ethics 3 Credits**
 A survey of the various systems of ethics found in the world's religions and in the writings of the world's great philosophers, such as Confucius, Aristotle, Socrates, Mill, James, and Santayana.
Prerequisite: RPHS 2101
- RPHS 4311 Mysticism 3 Credits**
 A survey of the common threads of mysticism found in Hinduism, Buddhism, the Sufi sect of Islam, Christianity, and the literature of Persia, China, Japan, India, and western civilization.
Prerequisite: RPHS 2101
- RPHS 4411 Philosophical Issues 2 Credits**
 An exploration of such topics as the nature of being, freedom and determinism, language and meaning, the concept of beauty, and the mystery of death.
Prerequisite: RPHS 2101
- RPHS 4601 Special Topics in Religion 2 Credits**
 A study of topics of special interest to students and instructors. Subjects could include types of religious belief (such as indigenous religions of Africa and the Americas), approaches to religious thought or experience (such as feminist theology, mysticism, or transcendentalism), or topics that stimulate religious thinking (such as love, friendship, death, the nature of the soul, the nature of evil).
Prerequisite: RPHS 2101

DEPARTMENT OF RECREATION AND PARK ADMINISTRATION

The Department of Recreation and Park Administration is committed to the development of students' intellectual, social, and professional competency. The department offers courses leading to the bachelor of arts degree in recreation and park administration with three options or concentrations. Additionally, the department provides a wellness-based core curriculum academic service program for all students. The objectives of the department are as follows:

To prepare students for careers as recreation programmers, leaders, or supervisors in leisure service delivery systems that are public, private, commercial, or community-based.

To train students to provide recreation services to special populations as an intervention methodology in schools, hospitals, clinics, and rehabilitation centers.

To develop students' intellectual competency on lifestyle habits issues that effect health, quality of life, and well being as a life-time process.

MAJOR

The Department of Recreation and Park Administration offers three curriculum concentrations. These options provide professional training and preparation in various career specializations. Students may select one of the three concentrations.

Leisure/Recreation Program Delivery

This concentration prepares students for employment as recreation programmers, leaders, or supervisors in service delivery systems that are public, private, commercial, or community-based.

Special Populations

Training in the special populations concentration qualifies students to provide recreation services as an intervention methodology for individuals with disabilities. The service recipient is served by hospitals, schools, clinics, and rehabilitation centers.

Sports Management

The sports management concentration prepares students for employment as athletics supervisors, aquatics program specialists, physical directors, recreation supervisors, sports and fitness coordinators, or associate aquatics directors in public, private, commercial, or community-based settings.

THE WELLNESS REQUIREMENTS

All students entering Savannah State University are required to satisfactorily complete three hours of health education courses as a prerequisite for graduation. Students with disabling conditions are encouraged to consult with the coordinator of the department for an individualized program based on their needs. Some of the courses in the wellness curriculum have a required dress code.

MAJOR IN RECREATION AND PARK ADMINISTRATION

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
SOCI 1101 Introduction to Sociology	3 hours
PSYC 1101 Introduction to Psychology	3 hours
CISM 2201 Introduction to Information Systems	3 hours
RECD 1090 Professional Foundations of Recreation	3 hours
RECD 2110 Recreation Supervision and Leadership	3 hours
RECD 2520 Recreation Program Development	3 hours

Major Requirements:

All majors are required to take the following core of courses (39 semester credit hours) and one of the area concentrations.

RECREATION CORE	39 hours
SPAN 1102 and 2101 or 2101 and 2102	6 hours
SPEH 4013 Advanced Speech	3 hours
RECD 2100 Sports Management in Leisure Setting	3 hours
RECD 2200 Recreation Areas and Facilities	2 hours
RECD 3100 Recreation Seminar	1 hour
RECD 3200 Recreation Report Writing	1 hour
RECD 3300 Recreation Fieldwork	3 hours
RECD 3310 Recreation for Special Populations	3 hours
RECD 3400 Marketing for Recreation and Leisure	3 hours
RECD 3650 Group Dynamics in the Recreation Setting	2 hours
RECD 4350 Recreation Organization and Administration	3 hours
RECD 4400 Evaluation in Recreation	3 hours
RECD 4800 Recreation Internship	6 hours

Note: Students must present first aid and coronary pulmonary resuscitation (CPR) certification before enrolling in any upper-level recreation course.

CHOOSE ONE OF THE FOLLOWING OPTIONS

Recreation Programming Concentration	21 hours
ANTH 1102 Introduction to Anthropology (If this course is taken in Area E of the core curriculum, these hours may be elective hours.)	3 hours
PSYC 3309 Group Process	3 hours
POLS 2601 Introduction to Public Administration	3 hours
Recreation Elective	3 hours

***Choose nine hours from the following areas
(advisor approval required):***

Fine Arts
Political Science
Marketing/Management
Sociology
Social Work

Special Populations Option	21 hours
RECD 4310 Recreation Programming for Special Populations ...	3 hours
RECD 4610 Community-Based Recreation for Special Populations	3 hours

Recreation Elective	3 hours
PSYC 3309 Group Process	3 hours
Choose nine hours from the following areas	
(advisor's approval required):	
Fine Arts (one course)	
Political Science	
Gerontology	
Social Work	
Sports Management Concentration	21 hours
RECD 3150 Outdoor Recreation (2-2-3)	3 hours
ACCT 3000 Accounting for Non-Majors	3 hours
FINC 3000 Finance	3 hours
ECON 3000 Survey of Economics	3 hours
MGMT 3000 Management/Marketing Survey	3 hours
POLS 2601 Introduction to Public Administration	3 hours
ANTH 1102 Cultural Anthropology (If this course is taken in Area E of the core curriculum, these hours may be elective hours.)	3 hours
Total Hours for the Major in Recreation	125 hours

DESCRIPTION OF COURSES

DEPARTMENT OF RECREATION AND PARK ADMINISTRATION COURSES

HEDU 1101 Concepts in Healthful Living2 Credits
An introduction to concepts related to healthful living. These concepts are physical activity, stress management, nutrition, environmental sensitivity, sexuality, and weight management. (0-2-2)

HEDU 1111 Physical Fitness for Life2 Credits
An introduction to the role of physical fitness in a healthful lifestyle. This course involves developing exercise programs for each component of physical fitness. Students spend two hours each week on physical fitness activities and one hour each week exploring the relationship of physical fitness activities to a healthy lifestyle. (1-2-2)

HEDU 1201 Physical Activity and Stress Management2 Credits
A course focusing on the development of physical activity and relaxation programs that help students to manage and cope with stress in their lives. The course consists of two hours each week of physical activity and relaxation application and one hour each week exploring the nature of the human stress response. (1-2-2)

HEDU 1211 Physical Activity and Body Composition2 Credits
A course designed to help students develop and execute exercise programs that will develop a healthy body composition and achieve and maintain a desirable body weight. Students spend two hours each week participating in exercise programs. The course also explores theories regarding the relationship of exercise and body composition. (1-2-2)

HEDU 1301 Weight Training1 Credit
Participation in weight training exercise programs and weight resistance activities to achieve desired level of strength and a healthy level of body composition. (0-2-1)

- HEDU 1401 Physical Conditioning**1 Credit
Participation in weight training exercise programs that develop the five components of physical fitness. The major emphasis in the course is on the development of cardiovascular fitness. (0-2-1)
- HEDU 1501 Modern Dance Techniques**1 Credit
Course designed to teach the fundamentals of modern dance that contribute to wellness. (0-2-1)
- HEDU 1511 Modern Dance Performance**1 Credit
Course builds upon the techniques of dance learned in HEDU 1501. It is designed to help students enhance skills in a variety of modern dance techniques for performance. (0-2-1)
Prerequisite: HEDU 1501 or permission of instructor
- HEDU 1521 Aerobic Dance**1 Credit
Course designed to develop cardiovascular fitness by participation in supervised instruction of dance and exercise set to music. (0-2-1)
- HEDU 1601 Swimming**1 Credit
A beginning course in swimming. Students learn basic techniques and drown-proofing skills. (0-2-1)
- HEDU 1611 Swimming II**1 Credit
A course designed for development of advanced swimming fundamentals and techniques to be used for acquiring and maintaining a desirable quality of life and cardiovascular fitness. (0-2-1)
- HEDU 1621 Aqua Dynamics**1 Credit
A water aerobics class that focuses on all the components of physical fitness. (0-2-1)

RECREATION COURSES

- RECD 1090 Professional Foundations of Recreations**3 Credits
This introductory course examines the historical, philosophical, sociological and philosophical foundations of leisure and recreation. This course is the prerequisite for all courses in the major. (3-0-3)
- RECD 2100 Sports Management in the Leisure Setting**3 Credits
A course that stresses administrative and management concepts; management responsibilities in the area of public relations; liability; facilities; financial management and budgeting; program evaluation; and the purchase, care, and security of equipment.
- RECD 2110 Recreation Supervision and Leadership**3 Credits
Methods and techniques of individual and group leadership and supervision in recreation activities. (3-0-3)
- RECD 2200 Recreation Areas and Facilities**2 Credits
The concepts and principles applied to planning and development of recreation areas and facilities.
Prerequisite: RECD 2110
- RECD 2520 Recreation Program Development**3 Credits
Principles of recreation program development; study of recreation program areas and analysis of methods of program design. Fieldwork is required. (2-2-3)
- RECD 3100 Recreation Seminar**1 Credit
A review of concepts, principles, and foundations covered in the core courses. The course focuses on critical issues and trends in the recreation field. This is the cornerstone course for the recreation major and must be taken during the first semester of

the junior year before or concurrently with the first 3000 level major course. Students must present documentation of first-aid and CPR certification to enroll in this course and must complete two (2) other certifications during the course. Certification fees are required.

Prerequisite: RECD 2520

RECD 3200 Recreation Report Writing1 Credit

A course designed to develop skills required for producing research papers and written and oral reports for recreation businesses.

Prerequisite: RECD 2110

RECD 3300 Recreation Fieldwork3 Credits

Directed field experience in a recreation agency. Students are under both faculty and agency supervision. (1-4-3)

Prerequisite: RECD 3200

RECD 3310 Recreation for Special Populations3 Credits

A study of the history and development of recreation for special populations. Examination of various agencies providing programs and services for the elderly, disabled, juvenile delinquents, and the incarcerated. (1-5-3)

Prerequisites: RECD 2520, 3200

RECD 3650 Group Dynamics in the Recreation Setting2 Credits

The development of a basic understanding of group dynamics within the context of recreation goals and operational structure. (1-2-2)

Prerequisites: RECD 2520, 3200

RECD 4310 Recreation Programming for Special Populations ..3 Credits

Evaluation of recreation programs and service delivery systems provided for special population groups.

Prerequisite: RECD 3310

RECD 4350 Recreation Organization and Administration3 Credits

A course concerned with the organization and administration of recreation programs and parks in community settings, legal aspects, source of funds, types of programs, and public relations. This is the capstone course for the recreation major. (2-2-3)

Prerequisites: Completion of all required 300-level courses; senior standing; permission of the instructor

RECD 4400 Evaluation in Recreation3 Credits

Approaches to and evaluation of evaluation in recreation and park administration, emphasizing assessment of leisure needs, programs, personnel, and facilities. (2-2-3)

Prerequisites: Completion of all required 300-level courses; and permission of the instructor

RECD 4610 Community-Based Recreation for

Special Populations3 Credits

An examination of the organizational structure and functions of administrative and management concepts and responsibilities in public relations, liability, facilities, financial management and budgeting, and the purchase, care, and security of equipment of various community agencies and organizations that provide recreation for special population groups. (1-4-3)

Prerequisite: RECD 4310

RECD 4800 Recreation Internship6 Credits

Internship in an approved agency under a professional recreator. Full-time, hands-on experience for professional development. (0-18-6)

Prerequisite: RECD 4400

DEPARTMENT OF SOCIAL AND BEHAVIORAL SCIENCES

The Department of Social and Behavioral Sciences offers academic programs in African and African-American studies, criminal justice, history, political science, sociology and psychology to prepare students for graduate studies and career goals. These programs include scholarly activities designed to develop historical consciousness, awareness of civic responsibilities, appreciation of cultural diversity, and understanding of both human behavior and interpersonal relationships. The department promotes learning experiences that examine the issues, problems, resources, and opportunities of Georgia's coastal region, the state, the nation, and the world.

The Department of Social and Behavioral Sciences offers courses leading to the Bachelor of Arts degree in history and in African and African-American studies. It offers the Bachelor of Science degree in criminal justice, political science, and sociology. The African and African-American studies major provides an option to concentrate in the humanities or the social sciences. The political science program provides an option to concentrate in pre-law, public administration, or international and comparative politics.

Minor programs are available in African-American studies, criminal justice, history, political science, psychology, sociology and gerontology. In conjunction with Armstrong Atlantic State College, the department offers teacher certification program in secondary education for history and political science majors.

The objectives of the department are as follows:

To provide introductory courses in history, geography, political science, sociology, and psychology for both general knowledge and a foundation for advanced classes;

To develop students' abilities and skills through critical thinking logical and quantitative reasoning, effective writing and speaking, and computer literacy;

To prepare students for graduate work in African and African-American studies, history, criminal justice, sociology, political science, psychology, public administration, and other related fields; and

To prepare students for successful careers in the criminal justice system, education, public administration, foreign service, and other traditional and non-traditional careers in the public and private sectors.

DEPARTMENT OF SOCIAL AND BEHAVIORAL SCIENCES

MAJOR IN AFRICAN AND AFRICAN-AMERICAN STUDIES

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
HIST 1111 Survey of World History to Early Modern Times	3 hours
or	
HIST 1112 Survey of World History from Early Time to the present	3 hours

HIST 2112 Survey of U.S. History from the post-Civil War Period to the Present	3 hours
Foreign Language (sequence in French or Arabic)	6 hours
SOCI 1101 Introductory to Sociology	3 hours

Choose one of the following courses:

ENGL 2205 Practical Criticism (Humanities track)	3 hours
PSYC 1101 Introduction to General Psychology	3 hours
GEOG 1101 Introduction to Human Geography	3 hours
ECON 2000 Survey of Economics	3 hours
ANTH 1101 Introduction to Anthropology	3 hours

Major Requirements:

(Required courses: 27 hours and 9 hours from

one of two tracks)	36 hours
AAAS/HIST 3301 African-American History	3 hours
AAAS/HIST 3312 The African-American in the 20th Century	3 hours
AAAS/HIST 4701 African History Before 1800	3 hours
AAAS/HIST 4702 African History After 1800	3 hours
AAAS/ENGL 3212 African Literature	3 hours
AAAS/POLS 3601 African-American Politics	3 hours
AAAS/POLS 3141 African Government and Politics	3 hours
AAAS 4601 Senior Seminar	3 hours

Choose one of the following courses:

AAAS/ENGL 4217 African-American Fiction	3 hours
AAAS/ENGL 4218 African-American Nonfiction	3 hours

Social Sciences Track **9 hours**

AAAS/SOCI 3401 Social Research Methods	3 hours
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Select two of the following courses:

AAAS/HIST 4301 History of African-American Thought	3 hours
AAAS/PSYC 4311 Psychology of African-American Experience	3 hours
AAAS/SOCI 3611 Minorities in the Social Environment	3 hours
AAAS/SOCI 4321 Seminar in the African-American Experience	3 hours
AAAS/GRNY 3120 African-American Aging	3 hours
AAAS/POLS 3901 Internship, AAAS/HIST 3901 Internship or AAAS/SOCI 3901 Internship	3 hours
AAAS/CRMJ 4321 Minorities and Crime	3 hours
AAAS/POLS 3221 Civil Rights and Liberties	3 hours

Humanities Track **9 hours**

AAAS/ENGL 3311 Introduction to Language Study	3 hours
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Select two of the following courses:

AAAS/MUSC 3011 African-American Music	3 hours
AAAS/ENGL 4400 Specific Topics - Gullah Culture	3 hours
AAAS/RPHS 3211 Religion and the African-American Experience	3 hours
AAAS/ENGL 3311 African-Caribbean Literature	3 hours
AAAS/FREN 4100 Survey of African and Caribbean Francophone Literature	3 hours

AAAS/ENGL 4211 African-American Drama	3 hours
AAAS/ENGL 3216 African-American Poetry	3 hours
AAAS/COME 2601 African-Americans in the Media	3 hours
AAAS/ENGL 3212 African-American Oral Tradition	3 hours
Minor Field	15 hours
Electives	9 hours
Total Hours Required for the Major in African and African-American Studies	125 hours

MAJOR IN CRIMINAL JUSTICES

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
HIST 1111 Survey of World History to Early Modern Times	3 hours
<i>or</i>	
HIST 1112 Survey of World History from Early Times to the Present	3 hours
SOCI 1101 Introductory Sociology	3 hours
PSYC 1101 Introduction to Psychology	3 hours
CRMJ 2101 Crime, Law, and Society	3 hours
Foreign Language sequence (Two courses at any level)	6 hours
Major Requirements:	45 hours
SOCI 2101 Social Statistics	3 hours
CRMJ 3101 American Policing	3 hours
CRMJ 3111 American Court Systems	3 hours
CRMJ 3121 American Corrections	3 hours
CRMJ 3131 Research Methods	3 hours
CRMJ 3301 Constitutional Law in the Criminal Process	3 hours
CRMJ 3901 Internship	12 hours
CRMJ 4111 Criminology	3 hours
CRMJ 4301 Jurisprudence of Criminal Law	3 hours
CRMJ 4321 Minorities and Crime	3 hours
CRMJ 4901 Senior Seminar	3 hours
<i>Choose one of the following courses:</i>	
CRMJ 4101 Criminal Investigations	3 hours
CRMJ 4311 Juvenile Justice	3 hours
CRMJ 4331 Comparative Criminal Justice Systems	3 hours
CRMJ 4501 Violence, Crime, and Justice	3 hours
CRMJ 4521 Criminal Justice Management	3 hours
CRMJ 4601 Selected Topics in Criminal Justice	3 hours
CRMJ 4701 Criminal Law Practicum	3 hours
Minor Field	15 hours
Total Hours Required for the Major in Criminal Justice	125 hours

MAJOR IN HISTORY

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
<i>Choose one of the following courses:</i>	3 hours
HIST 1111 Survey of World History to Early Modern Times	
HIST 1112 Survey of World History from Early Times to the Present	
<i>Choose one of the following courses:</i>	3 hours
HIST 2111 A Survey of U.S. History to the Post-Civil War Period	
HIST 2112 A Survey of U.S. History from the Post-Civil War Period to the Present	
GEOG 1011 Introduction to Human Geography	3 hours
Foreign Language sequence (Two courses at any level)	6 hours
<i>Choose one of the following courses:</i>	3 hours
ECON 3000 Survey of Economics	
SOCI 1101 Introductory Sociology	
PSYC 1101 Introduction to General Psychology	
Major Requirements:	30 hours
<i>Note: All history courses must be completed with a minimum grade of "C."</i>	
HIST 3101 Historical Research	3 hours
HIST 4901 Senior Seminar	3 hours
Choose eight courses with at least one from areas A, B, C, and D (E is optional)	24 hours
Area A – African and African-American history	
HIST 3301 African-American History before 1900	3 hours
HIST 3312 African-American History in the Twentieth Century	3 hours
HIST 4301 History of African-American Thought	3 hours
HIST 4701 African History before 1800	3 hours
HIST 4702 African History since 1800	3 hours
Area B – Asian and Latin American history	
HIST 3601 Colonial and Early National Latin American History	3 hours
HIST 3801 Modern Asian History	3 hours
HIST 4601 Latin America in the Modern World	3 hours
HIST 4801 History of China since 1600	3 hours
HIST 4805 Twentieth Century East Asian Economic History . . .	3 hours
Area C – European history	
HIST 3411 History of Early Modern Europe	3 hours
HIST 3412 History of Modern Europe	3 hours
HIST 4411 History of Modern Britain	3 hours

Area D – United States history

HIST 3501 Colonial America	3 hours
HIST 3502 American Revolution and New Nation	3 hours
HIST 3503 American Civil War and Reconstruction	3 hours
HIST 3504 Recent American History	3 hours

Area E – Other

HIST 3901 Internship	Credit varies
HIST 3909 Readings in History	Credit varies
HIST 4511 Topics in American History	Credit varies

Minor Field	15 hours
Electives	15 hours
Total Hours Required for the Major in History	125 hours

MAJOR IN POLITICAL SCIENCE

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
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Area F Courses Appropriate to the Program of Study	18 hours
POLS 2101 Introduction to Political Science	3 hours

Choose one of the following courses:

HIST 2111 A Survey of U.S. History to the Post Civil War Period	3 hours
HIST 2112 A Survey of U.S. History from the Post Civil War Period to the Present	3 hours
SOCI 2101 Social Statistics	3 hours
Foreign Language sequence (Two courses at any level)	6 hours

Choose one of the following courses:

GEOG 1011 Introduction to Human Geography	3 hours
ANTH 1102 Introduction to Anthropology	3 hours

Major Requirements:	36 hours
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POLS 3301 Research Methods in Political Science	3 hours
POLS 3601 African-American Politics	3 hours
POLS 4201 Political Theory	3 hours
POLS 4901 Senior Seminar	3 hours
Six other upper division POLS courses	18 hours

Choose two courses from one of the following tracks:	6 hours
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Prelaw Track

POLS 3211 American Constitutional Law	3 hours
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Choose one of the following courses:

POLS 3201 American Judicial Process	3 hours
POLS 3121 International Law	3 hours
POLS 3221 Civil Rights and Liberties	3 hours
POLS 3401 Administrative Law	3 hours
POLS 4511 Public Policy	3 hours

Public Administration/Policy Track

POLS 2601 Introduction to Public Administration	3 hours
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Choose one of the following courses:

POLS 2201 State and Local Government	3 hours
POLS 3401 Administrative Law	3 hours
POLS 3501 Public Personnel Administration	3 hours
POLS 3511 Organization Theory and Behavior	3 hours
POLS 3811 Gender and Politics	3 hours
POLS 4511 Public Policy	3 hours

International/Comparative Politics Track

POLS 3102 Comparative Government and Politics	3 hours
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Choose one of the following courses:

POLS 3101 International Politics	3 hours
POLS 3121 International Law	3 hours
POLS 3131 International Organization	3 hours
POLS 3141 African Government and Politics	3 hours
POLS 4401 Politics of Less Developed Countries	3 hours
POLS 4601 American Foreign Policy	3 hours

Minor Field	15 hours
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Electives	9 hours
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Total Hours Required for the Major in Political Science	125 hours
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MAJOR IN SOCIOLOGY

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
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Area F Courses Appropriate to the Program of Study	18 hours
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SOCI 1101 Introductory Sociology	3 hours
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SOCI 2101 Social Statistics	3 hours
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PSYC 1101 Introduction to Psychology	3 hours
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Foreign Language sequence (Two courses at any level)	6 hours
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Choose one of the following courses:

GEOG 1101 Introduction to Human Geography	3 hours
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ANTH 1102 Introduction to Anthropology	3 hours
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Major Requirements:	42 hours
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SOCI 3101 The Family	3 hours
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SOCI 3211 Modern Social Problems	3 hours
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SOCI 3401 Social Research Methods	3 hours
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SOCI 3501 Criminology	3 hours
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SOCI 3611 Minorities and the Social Environment	3 hours
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SOCI 3621 Demography	3 hours
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SOCI 3651 Sociology of Religion	3 hours
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SOCI 3901 Internship	3 hours
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SOCI 4201 Contemporary Sociological Thought	3 hours
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SOCI 4421 Seminar on the African-American Experience	3 hours
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SOCI 4901 Senior Seminar	3 hours
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Sociology Electives	9 hours
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Minor Field	15 hours
Electives	3 hours
Total Hours Required for the Major in Sociology	125 hours

MINORS IN THE DEPARTMENT OF SOCIAL AND BEHAVIORAL SCIENCES

MINOR IN AFRICAN-AMERICAN STUDIES

AAAS/HIST 3301	3 hours
Choose four of the following courses:	12 hours
AAAS/HIST 3312 The African-American in the 20th Century ...	3 hours
AAAS/HIST 4301 History of African-American Thought	3 hours
AAAS/POLS 3601 African-American Politics	3 hours
AAAS/PSYC 4311 Psychology of the African-American	3 hours
AAAS/SOCI 4321 Seminar in the African-American	
Experience	3 hours
AAAS/ENGL 3216 African-American Poetry	3 hours
AAAS/ENGL 4211 African-American Drama	3 hours
AAAS/ENGL 4218 African-American Nonfiction	3 hours
Total Hours	15 hours

MINOR IN CRIMINAL JUSTICE

CRMJ 2101 Crime, Law, and Society	3 hours
CRMJ 3301 Constitutional Law in the Criminal Process	3 hours
CRMJ 4101 Criminal Investigations	3 hours
Two additional courses (except CRMJ 3901 or 4901)	6 hours
Total Hours	15 hours

MINOR IN HISTORY

The History minor consists of 15 hours with a least one course

from each of the following areas:

African and African-American History

(HIST 3301, 3412, 4701, 4702)

Asian and Latin American History

(HIST 3601, 3801, 4601, 4801, 4805)

European History (HIST 3411, 3412, 4411)

United States History (HIST 3501, 3502, 3503, 3504)

Total Hours	15 hours
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MINOR IN POLITICAL SCIENCE

POLS 2101 Introduction to Political Science	3 hours
Four other POLS courses	12 hours
<i>(Note: Students who take POLS 2101 in the core curriculum will need an additional POLS elective in the minor)</i>	
Total Hours	15 hours

MINOR IN SOCIOLOGY

SOCI 3101 The Family	3 hours
SOCI 3211 Modern Social Problems	3 hours
SOCI 3501 Criminology	3 hours
SOCI 4201 Contemporary Sociological Thought	3 hours
SOCI 4421 Seminar on the African-American Black Experience	3 hours
(SOCI 1101 is a prerequisite for all other courses)	
Total Hours	15 hours

MINOR IN PSYCHOLOGY

PSYC 3101 Advanced General Psychology	3 hours
PSYC 3201 History of Psychology	3 hours
Three other upper level psychology courses	9 hours
(PSYC 1101 is a prerequisite for all other courses)	
Total Hours	15 hours

MINOR IN GERONTOLOGY

GRNY 2101 Introduction to Gerontology	3 hours
Four other GRNY courses	12 hours
Total Hours	15 hours

DESCRIPTION OF COURSES

AFRICAN AND AFRICAN-AMERICAN STUDIES

AAAS 4601 Senior Seminar **3 Credits**
 A comprehensive review and analysis of topics and issues, theories, and interpretations, and research in African and African-American Studies
Prerequisite: Permission of the instructor

ANTHROPOLOGY

ANTH 1101 Introduction to Anthropology **3 Credits**
 An introduction to the study of primitive and traditional societies with focus on cross-cultural comparisons of pre-literate and modern social institutions.

CRIMINAL JUSTICE

CRMJ 2101 Crime, Law, and Society
(Introduction to Criminal Justice) **3 Credits**
 A study of the history, theory, and structure of the criminal justice system; introduction to substantive and procedural criminal law, police, courts, corrections, and juvenile justice.

CRMJ 3101 American Policing3 Credits

A study of the role of the police in American society and an overview of police organization and administration.

Prerequisite: CRMJ 2101

CRMJ 3111 American Court System3 Credits

An examination of the history, philosophy and basic concepts of the legal system; the organization and jurisdiction of federal, state, and local courts; and the legal process from inception to appeal.

Prerequisite: CRMJ 2101

CRMJ 3121 American Corrections3 Credits

A study of the historical and philosophical development of the correctional system; the organization and functions of correctional agencies; and the role and responsibilities of personnel in the correctional setting.

Prerequisite: CRMJ 2101

CRMJ 3131 Research Methods in Criminal Justice3 Credits

The methodology of social science as applied to criminal justice; emphasis on evaluation; use of computers for the analysis and presentation of quantitative information.

Prerequisite: CRMJ 2101

CRMJ 3301 Constitutional Law in the Criminal Process3 Credits

A case study approach to theoretical and applied knowledge of constitutional issues affecting the criminal justice system.

CRMJ 3901 Internship12 Credits

Participation on staff of a criminal justice agency under co-supervision of faculty and agency personnel. This course requires field experience, periodic conferences and seminars, and compositions and readings designed to combine theory and professional practice. A forty hour week, full-time internship is required.

Prerequisites: CRMJ 4901 and instructor's approval.

CRMJ 4101 Criminal Investigations3 Credits

An examination of the history, theories, and procedures for investigating crimes.

Prerequisite: CRMJ 2101

CRMJ 4111 Criminology3 Credits

A study of criminal behavior and its impact on society, overview of major theories and crime causation and empirical findings about numbers of crimes and the characteristics of offenders and victims.

CRMJ 4301 Jurisprudence of Criminal Law3 Credits

An examination of the nature and scope of criminal law; the classification and analysis of crimes and the examination of specific offerings; justifications, excuses, and other defenses.

Prerequisite: CRMJ 2101

CRMJ 4311 Juvenile Justice3 Credits

A study of children in the legal system, including issues and problems concerned with the social control and protection of young persons; the role and responsibilities of the juvenile court, law enforcement, and corrections.

Prerequisite: CRMJ 2101

CRMJ 4321/AAAS 4321 Minorities and Crime3 Credits

A comprehensive study of the role of crime in the lives of various minorities within American society.

Prerequisite: CRMJ 2101

CRMJ 4331 Comparative Criminal Justice Systems3 Credits
 An analysis of the design, operation, and legal basis for systems of justice in other countries, governmental, political, demographic, and economic factors in past and current trends in the adjudication of offenders; cross-cultural analysis of causes of crime and systems of justice.

Prerequisite: CRMJ 2101

CRMJ 4501 Violence, Crime and Justice3 Credits
 An examination of violence, criminal responses to violence, and the role of noncriminal justice agencies in the area of violence prevention; a review of theories, statistical data, and case studies from other disciplines, such as: law, psychology, sociology, history, and, of course, criminology and criminal justice.

Prerequisite: CRMJ 2101

CRMJ 4521 Criminal Justice Management3 Credits
 A focus on issues in the organization and management of criminal justice agencies, including police departments, prosecutors' offices, courts, jails, prisons, and community corrections.

Prerequisite: CRMJ 3104, 3106

CRMJ 4601 Selected Topics in Criminal Justice3 Credits
 An indepth study of current topics which are selected, developed and taught by a member of the faculty.

Prerequisite: CRMJ 4901 or permission of the instructor

CRMJ 4701 Criminal Law Practicum3 Credits
 A demonstration of knowledge acquired in previous law courses by engaging in a practical exercise (mock trial); requires thorough knowledge of all aspects of criminal law and trial procedures.

Prerequisite: CRMJ 4301

CRMJ 4901 Senior Seminar3 Credits
 An identification and examination of several critical issues in criminal justice; instructor selects issues to be researched and presented by students.

Prerequisite: Permission of the instructor

GEOGRAPHY

GEOG 1101 Introduction to Human Geography3 Credits
 A study of man's relationship to the natural, physical, and cultural environment, world patterns of population, climate and industrial development; problems of agricultural, commerce, trade, transportation, and communication, and conservation of natural resources.

GERONTOLOGY

GRNY 2101 Introduction to Gerontology3 Credits
 A general introduction to gerontology with emphasis on the normal activities of aging, review of current studies on the roles, activities, and status in the later years, including income status and needs as worker, retiree, and users of leisure family members.

GRNY/PSYC 3102 Psychology of Aging3 Credits
 An exploration of the general psychological effects of aging on the populace of the United States of America; a comparison of aging and its effects on the populace of

several other nations; a comparison of accepted and/or often used terms to describe chronological, physiological, and psychological aging as well as the concept of ageism and some of its effects.

Prerequisite: PSYC 1101

GRNY 3104 Biological and Physiological Aspects of Aging3 Credits

A study of the general biology of aging, physiological changes with age, theories of biological and physiological aging, factors affecting longevity, and genetic aspects of aging.

GRNY 3120/AAAS African-American Aging3 Credits

An examination of the historical, demographic, and socio-economic profiles of Blacks; an analysis of major problems encountered by Black elderly persons; review of issues such as income, health, housing, and transportation; emphasis on unique aspects of Black religion, family ties, language habits, coping behaviors, and population distribution.

GRNY 4101 Consumer Economics and Law for the Aging3 Credits

An examination of age-related consumer and legal concerns. This will be a practical course including exploration of such topics as wills and other legal matters, generic drugs, health care costs, food and nutrition, budget management, fraud, and consumer protection laws.

GRNY/SWOK 4110 Services to the Elderly3 Credits

An emphasis on the social, economic, and health needs of the elderly with attention to delivery systems that work; focus on knowledge, research, and actual projects; designed for students planning to work in public or private agencies serving the elderly.

GRNY 4201 Death and Dying3 Credits

A study of the literature expressing historical, social, and cross-cultural attitudes towards death and dying; designed to help students understand death in its social context.

GRNY 4301 Physical Fitness and Recreation for the Elderly3 Credits

A focus on the physiological, psychological, and sociological values of physical exercise and recreations for the older adult; an opportunity to develop physical fitness and recreational programs for healthy adults; and less vigorous ones.

GRNY 4501 Field ExperienceCredits Varies

A field experience for students to work under professional supervision in a facility for older people, such as a home for the aged, senior citizens activity center, or housing development.

GRNY 4705 Seminar in Gerontology3 Credits

An integration of theoretical classroom learning with practical experience gained by the students in the field.

HISTORY

HIST 1111 Survey of World History to Early Modern Times3 Credits

A survey of the major civilizations of the world from the earliest time to approximately 1500.

HIST 1112 Survey of World History From

Early Time to the Present3 Credits

A survey of the major civilization of the world from about 1500 to the present.

- HIST 1501 African-American History 2 Credits**
A survey and understanding of the political, economic, social, and psychological development of African-Americans.
- HIST 2111 A Survey of U.S. History to the Post-Civil War Period .. 3 Credits**
An introductory survey of the formative years of the history of the United States.
- HIST 2112 A Survey of U.S. History from the
Post-Civil War Period to the Present 3 Credits**
A survey of African-American and American History from the Civil War to the present.
- HIST 2301 History of American Military Affairs 3 Credits**
An introductory survey of military affairs in the United States from the Revolution to the present; designed to acquaint the student with the American military experience, to emphasize the problems involved in waging war, and to examine the effects of war on society.
- HIST 3101 Historical Research 3 Credits**
An analysis of sources and critical methods for evaluating, organizing, and using these materials; a focus on selected historians and distinctive type of historical writing.
Prerequisites: HIST 2111, 2112
- HIST 3207 Georgia History 2 Credits**
A survey of the history of Georgia from pre-colonial times to present.
- HIST 3301/AAAS African-American History Before 1900 3 Credits**
A survey of the history of African-Americans beginning with the African background to 1900 with an overview of the twentieth century.
- HIST 3312/AAAS The African-American in the 20th Century 3 Credits**
An analysis of the modern African-American experiences such as African-American participation in the World Wars, the Depression, and the struggles for civil rights, identity, and self-determination.
- HIST 3411 History of Early Modern Europe 3 Credits**
A study of the history off Europe from about 1500 until the French Revolution covering the Reformation, Scientific Revolution, absolutism, family and demographic developments, and the Enlightenment.
- HIST 3412 History of Modern Europe 3 Credits**
A detailed study of the political, social, economic, and intellectual development in Europe since 1789. Emphasis is on western Europe.
- HIST 3501 Colonial America 3 Credits**
An examination of cultures and institutions of colonial America before 1776.
- HIST 3502 American Revolution and New Nation 3 Credits**
An examination of American cultures and institutions from the outbreak of the revolution through the early years of the New Republic.
- HIST 3503 American Civil War and Reconstruction 3 Credits**
An intensive examination and analysis of the forces at work in American life during the crucial period from 1840 through 1877.
- HIST 3504 Resent American History 3 Credits**
An intensive study of the political, social, and economic history of the United States from the First World War to the present.

HIST 3601 Colonial and Early National Latin American History . .3 Credits

An appraisal of the origins and development of social, political, economic, and intellectual characteristics of Latin America from the pre-Colonial era through the wars for independence.

HIST 3801 Modern Asian History3 Credits

An introduction to the origins and developments of the economic, political, social, and cultural characteristics of Asian nations with special emphasis on the roles of China, Japan, and India during the past four centuries.

HIST 3901 InternshipCredit Varies

An individually designed course-project involving research in a government of private agency. Students will be under the joint supervision of the sponsoring agency and their faculty advisor. This internship will be arranged by the faculty advisor and department chair.

HIST 3909 Readings in HistoryCredit Varies

Directed and other activities related to particular topic in the discipline.

HIST/AAAS 4301 History of African-American Thought3 Credits

A study of the ideas, institutional practices, values, and ideologies embraced by African-Americans. The course incorporates the philosophies and tactics of accommodation, integration, and separation.

Prerequisite: HIST 3301 or permission of the instructor

HIST 4411 History of Modern Britain3 Credits

A survey of British history since the revolution of the seventeenth century, including its economic growth, its rise as a world power, and its role in the world today.

HIST 4511 Topics in American HistoryCredit Varies

An opportunity for students to do supervised, individual reading or to engage in research in the field, classroom, or library in selected areas of the social sciences under the supervision of a member of the division.

Prerequisite: Permission of the instructor

HIST 4601 Latin America in the Modern World3 Credits

An appraisal of the social, political, economic, and intellectual development of Latin America since independence with emphasis on the 20th Century

HIST/AAAS 4701 African History Before 18003 Credits

A study of major themes in the history of Africa prior to 1800: the African physical environment, early civilizations and state formation, the spread of Islam, the slave trade, the beginning of European colonization, and significant cultural developments.

HIST/AAAS 4702 African History Since 18003 Credits

A study of major themes in the history of Africa since 1800: major cultural developments, colonial rule, African nationalism and independence, and global Africa.

HIST 4801 History of China Since 16003 Credits

An examination of the major issues, revolutions, and personalities in the history of China from 1600 to the present; a comprehensive presentation of China's economics, politics, society, and culture during the past four centuries.

HIST 4805 Twentieth Century East Asian Economic History3 Credits

An examination of the themes, patterns, and problems of economic development in China, Japan, Korea, Taiwan, and Hong Kong since 1900. This course provides an historical background to the relations between economics and noneconomic affairs.

HIST 4901 Senior Seminar3 Credits
 A review of general historical time-lines of United States and world history with reference to trends in historiography and historical interpretations as well as a review of library research skills.

POLITICAL SCIENCE

POLS 1101 American Government3 Credits
 A comprehensive study of the origins, principles, structures, processes, and practices of American government, emphasis on various perspectives on democratic theory and practice of governmental institutions.

POLS 2101 Introduction to Political Science3 Credits
 An introduction to the concepts, issues, and methods of the field of political science; emphasis on basic analytical skills, including research methods that will be important in subsequent course work.

Prerequisite for upper level POLS courses for majors/minors

POLS 2201 State and Local Government3 Credits
 A study of the structure, powers, functions, and problems of state and local governments and their roles in the federal government system.

POLS 2401 Global Issues3 Credits
 An interdisciplinary approach to selected topics in contemporary societies, using the sociological, economic, geographic, and political perspectives; an opportunity to equip students to understand and meet the challenges of a rapidly changing world community.

POLS 2601 Introduction to Public Administration3 Credits
 An introduction to the field of management in the public, non-profit, and international sectors; an investigation of the growth and patterns of modern bureaucracies with a focus on the federal, state, and local governments in the United States; theories and practices with emphasis on administration processes, including organizational behavior, leadership, decision-making, budgeting, personnel administration, and policy development and implementations.

POLS 3101 International Politics3 Credits
 A survey of the basic factors that motivate international relations; an examination of the causes of war and the institutions and processes of conflict resolution.

POLS 3102 Comparative Government and Politics3 Credits
 A study of the methods, political environment, political structures, participation and socialization, public policy processes of selected political systems.

POLS 3121 International Law3 Credits
 A survey of the principles of international law relative to functions of states and other international entities, diplomatic relations, and laws of warfare, with special emphasis on the relationship between international law and politics.

Prerequisite: POLS 3101

POLS 3131 International Organizations3 Credits
 A study of the origins and evolution of international organizations, with emphasis on the United Nations and specialized agencies; factors favoring and impeding their development and their effect on political, economic, and social issues.

Prerequisites: POLS 2101, 3101

POLS/AAAS 3141 African Government and Politics3 Credits
 Introductory survey of political patterns, political processes, and political ideologies in Africa; an examination of the legacy of colonialism, process of modernization, and the problems of political instability.

Prerequisite: POLS 2101

POLS 3201 American Judicial Process3 Credits
 An examination of the institutions and operations of the American judicial system, with emphasis on the national, state and local judiciaries.

POLS 3211 American Constitutional Law3 Credits
 A study of the basic principles of the United States Constitution and powers of the national and state governments, examined through Supreme Court decisions. The course also examines constitutional protections of individual civil liberties and rights.

Prerequisite: POLS 1101

POLS/AAAS 3221 Civil Rights and Liberties3 Credits
 An examination of personal liberties guaranteed by the United States Constitution, including freedom of speech, religion, assembly, petition, the rights of privacy, and the right against age, sex, race, or economic discrimination.

POLS 3231 American Presidency3 Credits
 An introduction to the structure and behavior of the presidency; an examination of presidential elections, the organization of the office, and its relations to the other national political institutions.

POLS 3301 Research Methods in Political Science3 Credits
 An introduction to the quantitative and qualitative techniques for measurement, analysis, and inference of political data.

Prerequisites: POLS 1110, 2101

POLS 3401 Administrative Law3 Credits
 A study of cases illustrating how the conduct of public officials is regulated.

Prerequisite: POLS 3211

POLS 3501 Public Personnel Administration3 Credits
 An analysis of the methods and theories in personnel administration, including selection, training, promotion, performance evaluation, and disciplinary actions. Critical issues such as merit, affirmative action, organization, and employee strikes are examined.

Prerequisite: POLS 2601

POLS 3511 Organization Theory and Behavior3 Credits
 An investigation into contemporary organization theory and problems, including the determinants of organization design, structure, and process; performance; and the interrelationship between organization and individuals within the organization.

Prerequisite: POLS 2601

POLS/AAAS 3601 African-American Politics3 Credits
 An examination of black political movements, participation of African-Americans in the American political system, particularly the electoral process, the power structure in African-American communities.

Prerequisite: POLS 1101

POLS 3701 Georgia Government and Politics2 Credits
 A survey of Georgia state and local governmental institutions, functions, and processes, including the behavior of political leaders.
Prerequisite: POLS 1101

POLS 3801 Gender and Politics3 Credits
 An analysis of the interactions between gender roles and the political systems; emphasis on the impact of gender politics on socialization, leadership recruitment and political participation, policy-making, and health care research.

POLS 3811 Urban Politics3 Credits
 An examination of political patterns, political processes, political conflict in metropolitan areas; interrelationship between urban growth and change in political institutions, processes, and solutions to problems of large cities.

POLS 3901 InternshipCredit Varies
 An individually designed course/project involving off-campus study and research in a government or private agency; designed to require the full semester for completion; joint supervision of the sponsoring organization and the faculty advisor; credit arranged by the faculty advisor.

Prerequisite: Permission of the instructor

POLS 4101/ENSE 4121 Environmental Law3 Credits
 A study of the legal processes relating to resource conservation, utilization, and the monitoring, control, and abatement of pollution of air, land, and water.

POLS 4201 Political Theory3 Credits
 An examination of the theoretical approaches to the basic political concepts in their historical context.

Prerequisites: HIST 1101, 1102, POLS 2101, permission of the instructor

POLS 4211 Contemporary Political Theory3 Credits
 An analytical review of the writing of great thinkers from the end of the Middle Ages to the present; emphasis on recent political ideologies.

Prerequisites: POLS 2101, 4201

POLS 4221 American Political Thought3 Credits
 A study of origins and development of American political thought from the colonial period to the present, emphasis on black political thought and current liberal-conservative debate.

POLS 4311 Legislative Process3 Credits
 An examination of the machinery and function of law making in the United States with emphasis on the United States Congress.

Prerequisite: POLS 1101

POLS 4401 Politics of Less Developed Countries3 Credits
 An introduction and examination of the political systems of selected countries in Africa, Asia, Caribbean, and Latin America.

Prerequisite: POLS 3102

POLS 4501 The Media and Politics3 Credits
 An examination of the role of the media in American politics; includes the media's impact on the electoral process and its role as a check on the president and other elected officials.

POLS 4511 Public Policy3 Credits

A study of how the federal government perceives public issues, processes them, and executes public policies; an examination of the various decision-making theories; emphasis on case studies.

Prerequisites: POLS 1101 and 2601

POLS 4521 Party Politics and Voting Behavior3 Credits

An analysis of the evolution, nature, and role of American political parties; an examination of each of the major party systems and the literature on voting behavior with emphasis on the problems and methods of studying voting.

POLS 4601 American Foreign Policy3 Credits

A survey of the objectives and the formulation of American foreign policy.

Prerequisite: POLS 1101

POLS 4611 American National Security Policy3 Credits

A study of organizations and processes involved in the formulation and execution of American national security policy; topics on nuclear strategy bureaucratic politics, and the programming and budgeting process.

Prerequisite: POLS 1101 or permission of instructor

POLS 4901 Senior Seminar3 Credits

An examination of selected topics in political science. Open only to senior majors.

Prerequisite: Permission of the instructor

POLS 4911 Directed Independent Study3 Credits

Independent reading and research under the direction of a faculty member. **May be repeated for credit.**

Prerequisite: Permission of the instructor

PSYCHOLOGY

PSYC 1101 Introduction to General Psychology3 Credits

An introduction to the science which studies the behavior and experiences of living organisms and, specifically, human behavior and experiences.

PSYC 3101 Advanced General Psychology3 Credits

Consideration of the principles significant in understanding and explaining human experiences and behavior with special emphasis placed on motivation and emotion, personality and individuality, social psychology, psychotherapy, and other treatment methods; introduction to scientific methodology and its application to behavior analysis.

Prerequisite: PSYC 1101

PSYC 2102 Counselling in a Multicultural Society3 Credits

An introduction to the basic principles and practices of counselling, with particular attention to the significance of socio-cultural factors in the counselling situation.

Prerequisite: PSYC 1101

PSYC 3201 History of Psychology3 Credits

A description of the work of those psychologists who have made the most significant contributions to the development of psychology, with emphasis on the various systems of psychology, research, and experimentation.

Prerequisite: PSYC 1101

PSYC 3301 Social Psychology3 Credits

A study of individuals and their social context, beginning with the study of the social behavior of animals and including human functions in small groups, in societies, and in cross-cultural perspectives; attitudes, motives, and social perception will be emphasized.

Prerequisites: PSYC 1101, 3101

PSYC 3311 Group Process3 Credits

A utilization of group dynamics and counseling techniques to develop self-awareness and team-awareness in managing the problems, stresses, and challenges of life. The course is designed to identify dysfunctional patterns and to move toward more effective and creative modes of functioning in the work, family, and community settings.

Prerequisite: PSYC 1101

PSYC 3401 Test and Measurements3 Credits

An introduction to measurement which covers statistical methods, research designs and research problems and the administration and evaluation of psychological tests.

Prerequisite: PSYC 1101

PSYC 3901 InternshipCredit Varies

An internship in a clinical, educational, or industrial setting after an initial interview with the professor and the supervisor of the field placement agency; involves academic as well as experiential learning.

Prerequisite: Permission of the instructor

PSYC 4101 Theories of Personality3 Credits

An exploration of the theoretical basis of personality with emphasis on structure, dynamics, personality, development, normal and deviant behavior, attitudes, beliefs, and opinions.

Prerequisites: PSYC 1101, 3201

PSYC 4201 Mental Health3 Credits

An analysis of the concept of the healthy personality and mental functioning as responding constructively to stress rather than merely adapting or adjusting to stress.

PSYC/AAAS 4311 Psychology of the African-American3 Credits

An overview of contemporary topics in Black psychology, including self-concept, achievement, motivation, and the Black family.

Prerequisites: PSYC 1101, 3101, 3301

PSYC 4401 Research Methods in Psychology3 Credits

The study and application of research methods used in psychology. Experimental methods, surveys, case study, and the use of naturalistic observation will be covered.

Prerequisites: PSYC 1101, CSCI 1130

PSYC 4501 Humanistic Psychology3 Credits

A study of the individual and his relationship; individual perception, personality, motivation and self-esteem as the bases for individual self-actualization in relationships with other individuals, organization, and society.

PSYC 4601 Diagnostic Psychology3 Credits

An examination of the traditions and controversies that arise in diagnosing psychiatric disorders, with specific attention to diagnostic principles, procedures, assessment, techniques, testing, and socio-cultural factors.

Prerequisite: PSYC 1101

PSYC 4701 Abnormal Psychology3 Credits

A systematic exploration of theories and data relevant to the understanding of maladaptive human process; the varieties of abnormal experiences and behavior; an overview of current approaches to the resolution of psychopathology will be offered.

Prerequisites: PSYC 1101, 3101, 4101

SOCIOLOGY

SOCI 1101 Introduction to Sociology3 Credits

An analysis of contemporary society and North American culture and its major institutional forms (the family, religion, education, economic and political systems).

SOCI/SWOK 2101 Social Statistics3 Credits

An introduction to statistical methods relevant to sociological research, social work theory and practice, and the social sciences in general; the integration of user-friendly, statistical software packages in the social sciences (e.g. CHIPPENDALE SHOWCASE).

SOCI 3101 The Family3 Credits

A study of the role of the family in the development of the individual, family formation and disintegration, cross-cultural and sub-cultural variations in family structure and experience, and the future of the family.

Prerequisite: SOCI 1101

SOCI 3211 Modern Social Problems3 Credits

A survey and analysis of social problems, their interrelationships and linkage to social institutions in contemporary North American society.

SOCI/SWOK 3401 Social Research Methods3 Credits

The methods and techniques of social science research, research design, methods of data gathering and analysis, sampling and survey research techniques, and interpretation and presentation of research findings.

Prerequisite: SOCI 2101

SOCI 3501 Criminology3 Credits

An investigation of crime and the criminal in modern, especially, urban society; a sociological examination of the causes of crime, its impact on major social institutions, methods of treatment, and preventive programs.

SOCI/AAAS 3611 Minorities and the Social Environment3 Credits

An examination of the problems faced by minority groups in American society, especially where skin color and language pose social, cultural, and economic barriers; an examination of conflicts between dominant public attitudes and minorities, and among minority groups such as Black Americans, Puerto Ricans, Native Americans, Chicanos, and other sizable ethnic groups.

Prerequisite: SOCI 1101

SOCI 3621 Demography3 Credits

An examination of social, economic, political, and environmental factors as they relate to population growth, composition, and distribution. The course considers how population change affects the structure and organization of societal institutions and focuses on basic demographics analysis as well as on past and current population trends and issues.

SOCI 3631 Urban Sociology3 Credits

A sociological study of the city, its growth, characteristics, and problems in the United States and elsewhere; an introduction to the literature, empirical data, and

research on the urban phenomenon. The course provides conceptual clarity and understanding of the urban and urbanization process.

SOCI 3651 Sociology of Religion3 Credits

The analysis of religion as a social institution and cultural phenomenon; cross-cultural studies of religious belief; symbol and ritual; the role and future of religion in secular society.

SOCI 3901 InternshipCredit Varies

An individual-designed project involving off-campus study, research, and where applicable, work in a public or private agency; supervised by the sponsoring agency and faculty advisor; a stipend may be arranged for some work-related projects.

SOCI 4101 Individual study and Independent Research3 Credits

Independent reading or research in selected areas of sociological interest; supervised by a department member.

SOCI 4201 Contemporary Sociological Thought3 Credits

An examination of the contemporary and classical theoretical models in sociology; an investigation of the development of social thought from the Afrocentric and the Eurocentric perspectives.

Prerequisites: SOCI 1101, 3101, 3111

SOCI 4421 Seminar on the African-American Experience3 Credits

A study of historic and current trends in selected sociological frames of reference of experiences encountered by Black people in the United States; emphasis on social movement and social change, urban life, institutional forms (family, religion, education), and political and economic struggles and achievements.

SOCI 4901 Senior Seminar3 Credits

A comprehensive review of sociological concepts, theories, and topics, including research methodology and statistical concepts. Students interested in pursuing graduate study in sociology are encouraged to enroll in this course.

Prerequisites: SOCI 3401, 4201, permission of the instructor

DEPARTMENT OF SOCIAL WORK

BACHELOR OF SOCIAL WORK PROGRAM

Program

The bachelor's degree in social work is a carefully articulated program providing both the academic and experiential background for students seeking a career in the varied and expanding field of social work. It is accredited by the Council on Social Work Education. An application-oriented major, it is based on a synthesis of knowledge from several social sciences, together with methodologies of intervention at the individual, group, and community levels. Social work graduates are educated to respond in an informed way to identifiable social work needs in a variety of settings. The program's orientation and its synthesis of knowledge from many backgrounds, disciplines, as well as its focus on the specific social work methods and practical skills, give it a unique perspective. The social work major is structured around four interrelated components: theoretical foundations/intervention strategies; client population/cultural diversity; research/evaluation; and skills development/fieldwork.

Requirements for Graduation

In addition to Savannah State University's core curriculum requirements (Areas A, B, C, D, E, and additional requirements), social work majors are required to complete 78 hours of course work: 18 hours of the core curriculum (courses appropriate to the program of study) and 60 hours from the major.

MAJOR IN SOCIAL WORK

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
SOCI 1101 Introductory Sociology	3 hours
SOWK 2101 Research	3 hours
SOWK 2205 History of Social Welfare and Social Policy	3 hours
Foreign Language sequence	6 hours
<i>(Two courses at any level)</i>	
One of the following courses:	
ANTH 1102	3 hours
PSYC 1101	3 hours
POLS 2101	3 hours
Major Requirements:	51 hours
SOWK 3101 Research Methods II	3 hours
SOWK 3201 Human Behavior and the Social Environment I ...	3 hours
SOWK 3202 Human Behavior and the Social Environment II ...	3 hours
SOWK 3220 Human Diversity and SOWK Practice	3 hours
SOWK 3305 Introduction of Social Work Practice	3 hours
SOWK 3340 Interventive Methods I	3 hours
SOWK 3341 Interventive Methods II	3 hours
SOWK 3342 Interventive Methods III	3 hours
SOWK 4410 Implementation of Social Welfare Policies	3 hours
SOWK 4701 Field Experience I	6 hours

SOWK 4702 Field Experience II	6 hours
SOWK 4901 Senior Seminar I	3 hours
SOWK 4902 Senior Seminar II	3 hours

Choose two of the following courses:

SOWK 4106 Social Work with Families and Children	3 hours
SOWK 4201 Gerontological Social Work	3 hours
SOWK 4301 Substance Abuse Intervention Strategies	3 hours
SOWK 4501 Mental Health Intervention Strategies	3 hours
SOWK 5510 Crisis Intervention and Brief Therapy	3 hours
General Electives	9 hours

Total Hours Required for the Major in Social Work 125 hours

DESCRIPTION OF COURSES

SOCIAL WORK COURSES

SOWK/SOCI 2101 Research I3 Credits

An introduction to statistical methods that students encounter in social science literature. Students are trained in the application of data processing techniques to the manipulation of data for the purposes of constructing variables and analyzing variable relationships. Mathematical derivations are not stressed. Students learn through application. Students are introduced to the statistical package.

Prerequisite: MATH 1111

SOWK 2205 History of Social Welfare and Social Policy3 Credits

A study of the historical significance of social values on the development of social welfare policies and programs. State of the art concepts relative to social welfare developments are introduced. An intensive study is made of the social problems that accompany socio-political developments and the efforts made to solve these problems. Students are introduced to beginning level skills of assessment of social problems and programs and of policy analysis.

Prerequisite: SOCI 1101

SOWK/SOCI 3101 Research II3 Credits

A course that enables students to understand and apply scientific thought and procedures to defining and redefining of social problems and consequently social delivery systems that are constantly changing. This course emphasizes research process (i.e., conducting a thorough literature review, conceptualizing and operationalizing variables, formulating hypotheses, developing tools of data collection, selecting techniques of data collection, conducting an analysis, and preparing a research report to enhance social work practice).

Prerequisites: MATH 1111; SOWK 2201, 2205

SOWK 3201 Human Behavior and the Social Environment I3 Credits

A foundation course for the preparation of generalist social work practitioners. Its purpose is to promote understanding of the effects of the interactions between individuals, groups, and communities and their environments from a systems, human diversity, and human development perspective. The dual perspective, as it relates to the unique experiences and development of African-Americans in the United States, with institutionalized discrimination and the experiences of other oppressed groups

of color and other forms of discrimination, is studied for its consequences on individual, group, and community behavior in the life cycle from birth to adolescence. Case studies are used.

Prerequisites: SOCI 1101, PSYC 1101, and SOWK 2205 or concurrent enrollment in these courses

SOWK 3202 Human Behavior and the Social Environment II3 Credits

A course covering the developmental tasks and obstacles related to the life stages of late adolescence through adulthood, old age, and death; the role of macro systems and the effects of their interaction with individuals, groups, and communities during these life stages; and especially the effects of policies of institutionalized discrimination on groups of color and other discriminated minorities; and the cause and effect of behavior within the context of numerous social and physical environmental factors which have to be considered. Relevant case studies are used.

Prerequisites: SOWK 2205, 3201; PSYC 1101

SOWK 3220 Human Diversity and Social Work Practice3 Credits

The theory of and research in social work practice with clients from diverse socioeconomic and cultural backgrounds. The course also addresses social work issues and practices associated with helping individuals, groups and communities from diverse settings.

Prerequisite: SOWK 2205

SOWK 3305 Introduction to Social Work Practice3 Credits

An introduction to the professional practice of social work. The course is the first of four required practice methods courses in the practice sequence. Course content includes the history of the development of social work as a profession; a survey of the different approaches to delivery of social work by various contributors and theoreticians such as Mary Richmond, Dorothea Dix, Jane Addams, and William Gordon; the social upheavals precipitated by the challenges of the Blacks and the poor during their struggle for and successful passage of civil rights legislation that led to the transition of the profession from a medical to a participatory empowerment model; and development of new concepts—assessment, empowerment, process, contract, generalist, human services. The problem-solving method and the various field settings in which social work is practiced and interviewing as a skill are introduced. Since application is the crux of the profession, students are expected to complete twenty hours of volunteer service in an approved human service agency.

Prerequisite: SOWK 2205

SOWK 3340 Interventive Methods I3 Credits

A course that develops interpersonal skills in the beginning engagement process with individual clients (micro level intervention). The focus is on building the personal skills and high degree of self awareness students must develop to work with individuals, as generalist social workers using a systems perspective. The course presents a wide variety of interventions that students learn to apply differentially to case studies through presentations, role plays, logs and other forms of demonstrations.

Prerequisites: SOWK 2205, 3201, 3202, 3305

SOWK 3341 Interventive Methods II3 Credits

The third course in the social work practice sequence, normally taken concurrently with SOWK 4701. Exceptions to this requirement must be approved by the field coordinator and advisor with notification to the program coordinator. The course focuses on problem solving using the systems perspective to understand all aspects of small groups and families. Students also learn practice approaches, interventive

modalities, the processes of identification, assesment, implementation, termination, and evaluation of treatment plans

Prerequisites: SOWK 2205, 3201, 3202, 3305, 3340

SOWK 3342 Interventive Methods III3 Credits

A sequel to SOWK 3341. The course expands the focus to the macro level. Interventions take place with large entities such as organizations, communities, and neighborhoods, nationally and internationally. It is predicated on the notion that wherever there is widespread human need, deprivation, and suffering, there is a breakdown of some aspect of societal social systems. Using multiple roles of the generalist worker and integrating information from social policy, students learn to be data gatherers, analysts, consultants, mobilizers, advocates, activists, leaders, and promoters of social justice as they implement corrective methods to system dysfunctions and attendant problems on people's lives.

Prerequisites: SOWK 2205, 3201, 3202, 3305, 3340, 3341

SOWK 4106 Social Work with Families and Children3 Credits

A course designed to give the social work students a comprehensive exposure and a historical perspective to the concept of family and child welfare (FCW) as a societal concern and as a field of practice in social work. The course involves intensive study of social policies and the service delivery related to family and child welfare. Special focus is given to the tendency of policy that has resulted in the juvenilization and feminization of poverty, especially among oppressed groups of color, with a comparative analysis of democracy and civil rights as they relate to industrialized, capitalist societies and other political ideologies. Comparisons are made in the FCW service delivery nationally and internationally, private and public, nongovernmental organizations (NGO's) and civil society.

Prerequisites: SOWK 2205, 3201, 3305, 3340, 3341, 3342 or consent of instructor

SOWK 4201 Gerontological Social Work3 Credits

A course designed for students going into public or private agencies serving the elderly. Emphasis is placed on the social economic and health needs of the elderly with attention to strategies of intervention and delivery systems that work. New knowledge, research, and actual projects are studied.

Prerequisites: SOWK 2205, 3201, 3305, 3340, 3341, 3342 or consent of instructor

SOWK 4301 Substance Abuse Intervention Strategies3 Credits

A survey of issues, personality factors, physiological and psychological effects, and treatment processes associated with substance abuse. Emphasis is on the specific effects of different drug classifications; understanding drug cultures; women, children, elderly and ethnic group addiction; and co-dependency and enabling.

Prerequisites: SOWK 2205, 3201, 3305, 3340 or consent of instructor

SOWK 4410 Implementation of Social Welfare Policies3 Credits

A study of the development and administration of social welfare policies and services which society establishes to provide for the needs and general well-being of the population. An analytical and critical assessment of the welfare state is made to facilitate an understanding of the relationship between ideology and political and economic influences on the formulation and implementation of social welfare policies and programs. Students are required to analyze several policies.

Prerequisites: SOWK 2205, 3201, 3202

SOWK 4501 Mental Health Intervention Strategies3 Credits

An integrative approach of micro, mezzo, and macro practices that address mental health issues requiring critical thinking and action. Intensive focus is on self-awareness, domestic violence, chronic mental illness, and dual diagnosis.

Prerequisites: Completion of entire 3000 level social work courses and consent of instructor

SOWK 5510 Crisis Intervention and Brief Therapy3 Credits

An examination of the theories and techniques of short-term intervention and subsequent referral procedures. Topics include suicide, battering, AIDS, rape, death, dying, and communities experiencing disasters such as hurricanes, flood, and air crashes.

Prerequisites: Completion of entire 3000 level social work courses and consent of instructor

SOWK 4701 Field Experience I6 Credits

The first of a two-part internship designed to provide opportunities for seniors to apply social work knowledge, values, and skills to social service delivery systems. Interns will work 20 hours per week for each semester, under structured supervision, arranged and monitored by the field coordinator. Readiness for this course will be determined by progress towards the completion of general and social work core requirements. Upper level practice courses may be taken concurrently. The number of other courses that students can carry while taking this course is limited and may be restricted to the 4000 level (except practice courses). SOWK 4901 will be taken concurrently. Students will complete a total of 300 hours of field experience per semester. **Restricted to social work majors only.**

SOWK 4702 Field Experience II6 Credits

The second part of the internship. Interns continue in the same agency where they served in SOWK 4701, for twenty hours per week, for the entire semester. This is an advanced field experience for which a higher level of proficiency and additional skills are expected of students. Interns must demonstrate competency in a variety of roles expected of generalist social workers. SOWK 4902 must be taken concurrently.

Prerequisite: SOWK 4701

SOWK 4801 Special Topics in Social Work3 Credits

A course devoted to a contemporary social work topic such as theoretical foundations/intervention strategies, client population/cultural diversity, research/evaluation, and skills development/fieldwork. The topic will be announced in the Savannah State University course schedule.

Prerequisite: SOWK 3305

SOWK 4901 Senior Seminar I3 Credits

A course focusing on implementing and integrating academic classroom work into practice. Students are also prepared for the departmental exit examination. Open only to SOWK 4701 students.

SOWK 4902 Senior Seminar II3 Credits

A course requiring students to present and demonstrate skills acquired. The course continues preparation for the department exit examination. Open only to SOWK 4701 students.

MASTER OF SOCIAL WORK PROGRAM

The Master of Social Work (MSW) Program is in candidacy for initial accreditation under the Council on Social Work Education. The MSW program is designed to prepare students for entry into advanced social work practice. The two year (60 credit hours) degree program consists of a foundation curriculum which provides knowledge, values, and skills common to social work practice; a set of concentration courses in either clinical or social administration practice; and two field practicum courses which are designed to enhance the competencies in the foundation and concentration areas.

ADMISSION

Admission to the program is on a selective basis. Prospective students apply to the Admissions Office. The completed application is sent directly to the Social Work Admissions Committee for evaluation. The committee will make its recommendations to the MSW Program Director. Completed admission applications are evaluated according to the following criteria:

A baccalaureate degree with a liberal arts foundation with evidence of human biology content from an accredited college or university.

Grade point average (GPA) of 3.0 on a 4.0 scale for regular admission.

Minimum GRE score of 850

Official transcript(s) direct from all colleges/universities attended

A completed application with instructions for completing the following:

The autobiographical statement

Four letters of reference

An in-person interview is routinely scheduled whenever possible

Academic credit for life and previous work experience is not considered in whole or in part or 'in lieu of the above admissions' requirements or in *lieu* of any courses for field practicum requirements.

ADVANCED STANDING ADMISSION

Applicants who meet all requirements for regular admission will be offered the opportunity to proficiency out of foundation courses (excluding field practicum) if the following additional requirements are met:

BSW degree from a CSWE accredited program within 5 years of entry into the MSW program Grade point average of 3.5 on a 4.0 scale

CONDITIONAL ADMISSION

Conditional admission may be granted to selected applicants with undergraduate GRA scores below 3.0 and GRE scores below 850. Students admitted under conditional status must acquire a 3.0 GPA during the first semester of graduate work (15 credit hours).

SUSPENSION

Students are expected to remain in good standing. To be in good standing, a graduate student must maintain a cumulative point-hour of 3.0 or better in all graduate credit courses, and reasonable progress toward graduate program requirements. A

student who fails to maintain reasonable progress is subject to review by a faculty committee, appointed by the MSW Program Director, and may be denied further registration in social work courses.

TRANSFER CREDIT

Transfer credit will be granted if applicants meet the following requirements:

All admission requirements of the MSW Program and the Savannah State University

Up to 30 credit hours may be transferred from a MSW degree program accredited by the Council on Social Work Education, if the student has earned a “B” or better in each course within the past five years.

Provide a copy of the following information for each course for which transfer credit is requested:

- a. The name of the course
- b. Catalogue descriptions
- c. Course outline/syllabus, including bibliography
- d. A letter of recommendation from the Dean or Dean’s designee related to the student’s status during enrollment at the previous or current School of Social Work.

FIELD PRACTICUM

Field practicum is an integral part of social work education. The experience offers an opportunity for students to integrate and apply theoretical knowledge and social work practice skills in diverse human service settings under the instruction of approved agency based social workers. Affiliation agreements between the University and human service organizations are established for educational purposes.

MSW students complete 1040 clock hours of field practicum for a total of 20 semester credit hours. After the completion of the first semester of course work, the foundation practicum is offered, typically, at 20 hours a week for 320 hours (6 credits). In the advanced year, the concentration specific practicum is offered, typically, at 24 hours a week for two semesters for a total of 720 hours (7 credits each). Field practicum is taken concurrently with social work practice classes. In the advanced year, field learning experiences are focused on students’ declared concentration (Clinical Practice or Social Administration Practice).

MASTER OF SOCIAL WORK CURRICULUM

Foundation	30 hours
MSWK 6650 Human Behavior and the Social Environment I . . .	3 hours
MSWK 6651 Human Behavior and the Social Environment II . .	3 hours
MSWK 6660 Social Work Practice with Individuals and Families	3 hours
MSWK 6661 Social Work Practice with Groups, Communities, and Organizations	3 hours
MSWK 6670 Research Methods I	3 hours
MSWK 6680 Social Welfare Policy and Services	3 hours
MSWK 6690 Field Practicum I	6 hours
MSWK 6760 Research Methods II	3 hours
Lab	3 hours

Choose one concentration:

CLINICAL SOCIAL WORK CONCENTRATION	30 hours
MSWK 6750 Clinical Practice I	3 hours
MSWK 6751 Clinical Practice II	3 hours
MSWK 6782 Advanced Policy and Planning	3 hours
MSWK 6790 Field Practicum II	6 hours
MSWK 6791 Field Practicum III	6 hours
MSWK 6805 Integrative Seminar	3 hours
Electives	6 hours
SOCIAL ADMINISTRATION CONCENTRATION	30 hours
MSWK 6780 Social Administration I	3 hours
PADM 6834 Social Administration II	3 hours
MSWK 6782 Advanced Policy and Planning	3 hours
MSWK 6790 Field Practicum II	6 hours
MSWK 6791 Field Practicum III	6 hours
MSWK 6805 Integrative Seminar	3 hours
Electives	6 hours
Lab	3 hours
Total Hours Required for Master of Social Work	60 hours

DESCRIPTION OF COURSES

MASTER OF SOCIAL WORK COURSES

MSWK 6650 Human Behavior and the Social Environment I 3 Credits

An examination of normal human development through the life cycle using biological, psychological, sociological, and cultural perspectives. The systems perspective and the ecological model are used to guide this course.

MSWK 6651 Human Behavior and the Social Environment II ... 3 Credits

An examination of human behavior as it relates to macro systems. Communities and organizations are considered from the social systems perspectives. Organizational cultures, policies and procedures, reward systems, and goals of operation are studied.

Prerequisite: MSWK 6650

MSWK 6660 Social Work Practice with

Individuals and Families 3 Credits

The foundation practice course. The course focuses on the fundamentals of intervention at the micro level and the skills needed for generalist practice.

MSWK 6661 Social Work Practice with Groups,

Communities, and Organizations 3 Credits

A course focusing on the development of the knowledge, values, and interventive skills related to problems of larger client systems, families, groups, communities, and organizational structures.

Prerequisite: MSWK 6660

MSWK 6670 Research Methods I 3 Credits

An examination of research methods in social work and their relevance for social work practice. Emphasis is on research as a scientific process and its utility in policy development and in evaluation of social work practice and social service delivery systems.

MSWK 6680 Social Welfare Policy and Services3 Credits

A foundation course which introduces students to current policies, programs, and delivery systems and their impact on contemporary social problems and conflicting issues. The historical development of social welfare in the United States is studied and the concept of the welfare state is introduced. Concepts intrinsic to social welfare policy are introduced.

MSWK 6690 Field Practicum I (20 hours per week)6 Credits

Placement in an approved human service setting. This course is required of all students completing the foundation year courses. This practicum is based on generic foundation content and is oriented toward generalist social work practice.

MSWK 6750 Clinical Practice I3 Credits

A course focusing on intervention at the micro level with emphasis on the theoretical perspectives of biopsychosocial approaches to intervention.

MSWK 6751 Clinical Practice II3 Credits

A course building on the foundation established in MSWK 6750 and focusing on interventions and modalities used advanced social work practice at the mezzo level. The biopsychosocial perspective is further explored as a context in which problems are assessed and in which intervention occurs.

Prerequisite: MSWK 6750

MSWK 6760 Research Methods II3 Credits

The advanced application of social research methodology to the design, implementation, and evaluation of program and practice models in social work and social welfare. Students develop skills necessary to undertake advanced social work research and evaluation of practice skills and programs and contribute to increasing the knowledge base of the profession.

Prerequisite: MSWK 6670

MSWK 6780 Social Administration I3 Credits

A study of organizational theory as the basis of social administration. The course focuses on the knowledge and skills necessary for administration and management. Emphasis is placed on principles, concepts, and models of social welfare administration.

MSWK 6782 Advanced Policy and Planning3 Credits

A course focusing on the study of social and human rights policies as they reflect a society's values through legislation and other forms of expression. Skills are developed in conceptual and analytical assessment of social policies, personnel policies, social work practice policies and standards, agency policies and their impact on social work practices, and service delivery. The course also examines concepts, models, and frameworks used to develop and evaluate policies. The role of ideology in the formation of social policy across the history of social welfare in the United States is studied. Students are also exposed to comparisons of the welfare state in other countries. Students become competent in the practice of policy and study poverty alleviation interventions by international organizations such as the United Nations, World Health Organization, Grameen Bank of Bangladesh, and other non-governmental organizations (NGO's).

Prerequisite: MSWK 6680

MSWK 6790 Field Practicum II (3 Days per Week)6 Credits

A practicum focusing on clinical social work with individuals, families, and groups or on social administration and the preparation of the student for responsible ethical practice as a social work administrator.

MSWK 6791 Field Practicum III (3 Days per Week)	.6 Credits
A continuation of MSWK 6790. This course is a practicum focusing on clinical social work with individuals, families, and groups or on social administration and the preparation for ethical practice as a social work administrator.	
MSWK 6805 Integrative Seminar	.3 Credits
An integrative seminar serving as the capstone course and designed to facilitate and insure the integration of social work methods and the application of these methods in varying field of practice with appropriate undergirding of social work values. A product of the teaching/learning milieu is a research project which serves as evidence that students are ready for autonomous practice.	
MSWK 6834 Public Budgeting and Finance	.3 credits
A systematic and comprehensive exploration of the theory and practice of public finance in state and local governments. It examines how federal, state and local governments get and spend money. Students develop skills in preparing, managing, and analyzing capital and operating budgets, and using analytical techniques that aid budgetary decision making.	

MASTER OF PUBLIC ADMINISTRATION PROGRAM

The College of Liberal Arts and Social Sciences is strongly committed to the development of the intellectual, social, and professional competence of each student. Consistent with this philosophy, the College and Savannah State University offer the Master of Public Administration program which enables graduate students to acquire specialized training in public administration. The Master of Public Administration program at Savannah State University espouses high quality teaching that enhances the knowledge, skills, and abilities essential for rewarding professional careers in a global society. The Master of Public Administration program strives to:

1. Prepare a cadre of diverse and competent public managers to assume management and leadership positions in an increasingly diverse community;
2. Extend public administration expertise through community service, course work, and continuing education programs made available primarily to citizens of the State of Georgia; and
3. Expand and enhance the knowledge base in the field of public administration through innovative pedagogy, quality services, scholarly productivity, and applied research.

The Master of Public Administration degree requires students to successfully complete a minimum of 33 semester credit hours. Based on their experience in the public or nonprofit sector, Master of Public Administration students are classified as in-service or pre-service. Pre-service students are usually recent graduates who lack sufficient managerial or administrative experience. In-service students are currently employed and usually have several years of relevant work experience in the public or non-profit sectors in a job requiring a minimum of a bachelor's degree for entry. Final designation as pre-service or in-service will be made by faculty at the time the student applies for the internship course.

All students must successfully complete the core curriculum of 21 semester hours, 9-12 hours of electives, and 3-6 hours of internship, depending upon their classification as in-service or pre-service. In selecting electives, students may choose courses from four concentrations: (1) public policy, (2) human resources development, (3) health services administration, or (4) general administration. The health services administration track is offered in collaboration with Armstrong Atlantic State University. Students who wish to take any elective units outside the Master of Public Administration Program must have those electives approved by their advisor.

Admission Requirements and Procedures

Applicants will submit a portfolio consisting of the following items:

- a completed application for graduate studies, including a certificate of immunization;
- two (2) official transcripts showing an undergraduate grade point average of at least 2.5 on a 4.0 scale and proof of degree;
- test scores from the Graduate Record Exam taken within the last five years (or other standardized graduate aptitude test);

- three letters of reference from academic and professional persons familiar with the applicant's ability and potential to succeed in a professional or graduate degree program;
- essay of between 500 - 1000 words detailing reasons for pursuing the Master of Public Administration degree; and
- an undergraduate major of the equivalent appropriate to the proposed field of study. For applicants who have insufficient preparation in political science, American Government Seminar (PADM 6829) is required. All students admitted to the program should have completed a course in statistics before taking Statistical Applications in Public Administration (PADM 6839). Students should also have knowledge of word processing and spreadsheets.

Students who meet some, but not all, of the above criteria may be awarded provisional admission.

Admission Appeal

A student denied admission to the MPA program may appeal the decision by writing to the program director. The student will be required to provide additional information in support of the appeal. A student whose appeal is denied by the MPA program may appeal to the Dean of the College of Liberal Arts and Social Sciences. The Dean of the College of Graduate Studies will make the final decision on an appeal.

Admission Classification

Students classified as degree candidates will be placed in one of two categories: regular and provisional.

- Regular admission is granted to applicants who meet all requirements for unqualified admission.
- Provisional admission is granted to applicants whose scores are lower than required for unqualified admission, upon recommendation of the Admissions Committee that they have the potential to perform at a higher level than indicated by undergraduate GPA or GRE scores. Students admitted in this category must meet the conditions of provisional admission set by the Admissions Committee, in addition to earning no grade lower than a B in any course taken while in provisional status. Provisional students may take no more than three courses before being reclassified (two of the courses must be in the core). The conditions will depend upon the Committee's assessment of the steps students need to take to improve their chances of being reclassified as regular students.

Failure to satisfy the conditions of the provisional admission will result in the student's ineligibility to continue to work in the MPA program. Regular admission classification is not automatic; the student files will be reviewed for demonstrations of ability to master course work.

Graduate Student Advisement

The director of the MPA program advises all incoming students during their first semester of enrollment. Students are then assigned to faculty advisors for the remainder of the students' academic career. Advisors will help the students plan a program of study consistent with the field and goals and will approve all course selections prior to registration. Students are free to discuss courses and career options with any member of the faculty, but the designated faculty member must sign their advisement forms. Students may request a change in advisors by contacting the program director in writing. If the request is granted, the student and the advisors will be notified in writing. In the spirit of continuous quality improvement, students evaluate advisement at the end of each semester. Their observations are used to improve the advisement process.

New Student Orientation

Appropriate orientation to a new graduate program is an important key to success in graduate studies. All incoming MPA students are required to participate in scheduled group orientation programs held at the beginning of the semester. Many questions about the program and institutional resources are addressed in the orientation sessions. Individual faculty members also schedule library and computer systems orientations for students in introductory classes.

MASTER OF PUBLIC ADMINISTRATION

CORE REQUIREMENTS	21 hours
PADM 6830 History, Scope, and Practice of Public Administration	3 hours
PADM 6831 Ethics for Public Administrators	3 hours
PADM 6833 Management of Human Resources	3 hours
PADM 6834 Public Budgeting and Finance	3 hours
PADM 6835 Local Government Administration	3 hours
(or)	
PADM 6836 State Government Administration	3 hours
(or)	
PADM 6837 Intergovernmental Relations	3 hours
PADM 6839 Statistical Applications in Public Administration ...	3 hours
PADM 6840 Research Methods	3 hours
(or)	
PADM 6850 Computer Applications in Public Administration ...	3 hours
ELECTIVES	9-12 hours
INTERNSHIPS	3 or 6 hours
PADM 6853 Internship for Pre-service Students	6 hours
PADM 6854 Internship for In-service Students	3 hours

ELECTIVE CONCENTRATIONS (select one):

Human Resources Development Concentration	9-12 hours
PADM 6832 Organization Theory	3 hours
PADM 6846 Administrative Law	3 hours
PADM 6858 Seminar in Cultural Diversity	3 hours
PADM 6863 Collective Bargaining in the Public Sector	3 hours
PADM 6870 Rights and Basic Needs of Public Sector Employees	3 hours
PADM 6871 Organization Behavior	3 hours
Public Policy Concentration	9-12 hours
PADM 6838 Introduction to Public Policy	3 hours
PADM 6844 Seminar in Public Policy Analysis	3 hours
PADM 6845 Urban Policy and Administration	3 hours
PADM 6851 Social Welfare Policy, Planning, and Administration	3 hours
PADM 6861 Public Program Evaluation	3 hours
PADM 6862 Public Policy Implementation	3 hours
PADM 6864 Public Policy Formation	3 hours
PADM 6865 Special Topics in Public Policy	3 hours
Health Services Administration Concentration	9-12 hours
HSCA 7620 Health Care Administration	3 hours
HSCA 7665 Health Care Strategic Marketing and Planning	3 hours
HSCA 8630 Health Care Financial Management	3 hours
HSCA 8615 Legal and Ethical Environments of Health Care ...	3 hours
HSCA 8700 Public Health Planning and Evaluation	3 hours
Total Hours Required for Master of Public Administration ..	33 or 36 hours

DESCRIPTION OF COURSES

PUBLIC ADMINISTRATION COURSES

- PADM 6829 American National Government** **3 Credits**
An examination of the governing process in the United States of America. The focus is the federal system, constitutional checks and balances, and problems arising out of the processes of conflict and conflict resolution primarily at the national level between the president, Congress, the federal bureaucracy, political parties, and interest groups. This course is required of all students who lack academic back-ground in political science or public administration.
- PADM 6830 History, Scope, and Practice of
Public Administration** **3 Credits**
An examination of the study and practice of public administration in the United States. It provides a historical account of the evolution and development of the field of public administration as a discipline and a profession. **(Required of all degree candidates in their first semester of course work.)**
- PADM 6831 Ethics for Public Administrators** **3 Credits**
An exploration of the legal, political, professional, and organizational accountability demands made on administrators and their relationship to ethical decision-making and ethical integrity. The emphasis is on the requirements for ethical behavior and accountability in a democratic society.

PADM 6832 Organizational Theory3 Credits

A study of formal structure, internal workings, and external environment of complex human behavior within organizations. The course surveys classical to contemporary theories of human organizations. Emphasis is on the impact of formal and informal structures and processes on the performance of public organizations.

PADM 6833 Management of Human Resources3 Credits

A comprehensive study of the organization, techniques, and theories of personnel management. The emphasis is on human resource management and its role as a force in addressing the issues of social responsibility and economic equity. Topics include changing composition of the public service work force, affirmative action, comparable worth, position qualification, education and training needs, unions, collective bargaining, and rights of public employees.

PADM 6834 Public Budgeting and Finance3 Credits

A systematic and comprehensive exploration of the theory and practice of public budgeting and finance in state and local governments. The course examines how federal, state and local governments acquire and spend money. Students develop skills in preparing, managing, and analyzing capital and operating budgets, and using analytical techniques that aid budgetary decision-making.

PADM 6835 Local Government Administration3 Credits

An examination of local governmental structures, forms, functions, revenue sources, and economic development issues and alternatives available to encourage more effective administration to meet public and private demand. Emphasis is on resource constraints and fiscal limitations.

Prerequisite: PADM 6829 or undergraduate equivalent.

PADM 6836 State Government Administration3 Credits

An examination of state government structures, functions, revenue sources, economic development issues, and alternatives available to encourage more effective administration to meet public and private demands. Topics include the place and role of state governments within the federal system and their limitations to the procurements, development, and allocation of resources to meet public demands.

Prerequisite: PADM 6829 or undergraduate equivalent

PADM 6837 Intergovernmental Relations3 Credits

An examination of the interaction of federal, state, and local political systems in the development of public policy. Focus is on the reciprocal influences of local, state, and federal bureaucracies, the grant-in-aid system, revenue-sharing, and federal, state, and local policy-making. Roles and responsibilities of federal, state, regional, and local systems are examined from the theoretical and practical perspectives. The course is oriented to urban governments and their interactions with other levels of government.

Prerequisite: PADM 6829 or undergraduate equivalent

PADM 6838 Introduction to Public Policy3 Credits

An introduction to the study of public policy, including theories of public policy and public choice theory. Focus is on understanding the public policy process at national, state, and local governmental levels.

PADM 6839 Statistical Applications in Public Administration . . .3 Credits

A practical discourse emphasizing the use of statistics, computers, and software applications in applied research problems in public administration. A primary goal of this course is the development of basic statistical competency, utilizing problems and

cases pertinent to public administrators. The statistical basis of hypothesis testing is covered using both descriptive and inferential statistics, including frequency distribution, central tendency, variability, nonparametric and contingency analysis, multivariate analysis and correlation, analysis of variance, probability, and regression.

Prerequisite: Undergraduate course in statistics. **Required course for all degree candidates**

PADM 6840 Research Methods3 Credits

A systematic treatment of research as a practical skill for policy analysis, needs assessment, and program evaluation. Emphasis is placed on data sources and data gathering, research models, and research design. This course explores the concepts of measurement, questionnaire design, sampling, hypothesis formulation, coding, quantification of data, conceptual and operational definitions, computer-aided data analysis using statistical packages, and report writing. Students must design and conduct a major research project using the skills acquired.

Prerequisite: PADM 6839

PADM 6843 Management and Leadership Behavior3 Credits

An indepth focus on skills, knowledge, and abilities of the manager or leader in the public organization. Emphasis is on written, oral, and listening communication skills, conflict resolution, and management of organizational resources.

Prerequisite: PADM 6830

PADM 6844 Seminar in Public Policy Analysis3 Credits

An examination of selected public policies and the effects on urban governments using models, theories, approaches, and techniques to analyze public policies. Emphasis is on the policy dimensions of urban systems and their relationship to the social, political, and economic context.

Prerequisite: PADM 6838 or permission of the instructor

PADM 6845 Urban Policy and Administration3 Credits

An in-depth probe of the administrative, political, and organizational issues of metropolitan governments. It examines various forms of metropolitan governments, the impact of structure on administration and policy, and major issues of metropolitan governments in the federal system.

Prerequisite: PADM 6838 or permission of the instructor

PADM 6846 Administrative Law3 Credits

An examination of the place of law in the formation, articulation, and implementation of public policy. Emphasis is on the study of the legislative, adjudicatory, and general policy-making powers of administrative agencies and regulatory commissions, including the procedures for judicial review and administrative action.

PADM 6847 Seminar in Constitutional Law3 Credits

Seminar examining the evolution of federal and state constitutional law and the relationship to public agencies.

PADM 6848 Contemporary Issues in Public Administration3 Credits

A focus on current issues in public administration and an examination of the historical and future implications of these issues. Skills are developed in information searches, maintaining currency in the literature of the field and professional areas, and identifying state-of-the art programs and approaches to administrative issues.

PADM 6850 Computer Applications in Public Administration ...3 Credits

An introduction to the use of selected software to examine problems in public administration and public policy, with an emphasis on data bases, spreadsheets, and statistical

and desktop publishing programs for microcomputers. In this course, students acquire competency in managing information as an organizational resource.

PADM 6851 Social Welfare Policy, Planning,

and Administration3 Credits

A comprehensive survey and analysis of the historical and contemporary issues of social welfare policy-making in the United States and the role of federal, state, and local governments and nonprofit agencies in formulating, funding, and administering social programs.

PADM 6852 Criminal Justice Administration3 Credits

A survey of the philosophical, legal, sociological, and political aspects of criminal justice administration at the state and local levels. This course emphasizes the role of the federal, state, and local governments in formulating, implementing, and evaluating criminal justice systems.

PADM 6853 Public Service Internship (Pre-service)6 Credits

An educational experience requiring pre-service students 2 semesters to complete. Students complete a field internship constituting 3 semester hours and the major internship paper for 3 semester hours. This course is designed to supplement and reinforce classroom experience by providing students with opportunities to work as participant-observers in governmental and nonprofit agencies.

PADM 6854 Public Service Internship (In-service)3 Credits

An option open to students whose professional experience the faculty considers to be appropriate to waive the public service internship requirement. These students will write a major internship paper, directed by the internship coordinator and having two readers, one of whom is the internship coordinator.

PADM 6855 Special Topics in Public Administration3 Credits

Topical study of current approaches and issues in public management, including conflict resolution, problem solving, information management, benchmarking, and other cutting edge developments in the field and practice of public administration.

PADM 6856 Comparative Public Administration3 Credits

An examination of comparative approaches to the practice of public administration throughout the world. This course deals with public bureaucracies and public policies to demonstrate the impact of diverse cultural, historical, legal, and political contexts.

PADM 6857 Directed Readings and Research3 Credits

A supervised reading course in selected fields within public administration. Limited to materials not covered in a course offered during the same semester.

Prerequisite: Permission of the instructor

PADM 6858 Seminar in Cultural Diversity3 Credits

An exploration of the historical and legal foundations for equal opportunity in employment in the public sector. This course examines the role of cultural difference in the organization. The focus is on managing the diverse work force.

Prerequisite: PADM 6833 or permission of the instructor

PADM 6859 Legislative Behavior3 Credits

A focus on the legislative bodies in the American federal system and their interactions with the executive and judicial branches. This course also examines the impact of legislative units on public administrators and the conduct of their work.

PADM 6860 African-American Administrators in**Urban Bureaucracy and Public Policy3 Credits**

An exploratory course that looks at the contributions and issues facing African-American public administrators in historical and contemporary contexts. Special emphasis is on administrative behavior and style, value orientations, and role expectations, conflicts, and demands.

PADM 6861 Public Program Evaluation3 Credits

An examination of theory and methods of public program evaluation and the politics of program evaluation. This course focuses on acquisition of skills in conducting program evaluation, including research design, selecting social indicators, conducting a study, and of report writing.

Prerequisite: PADM 6838 or permission of the instructor

PADM 6862 Public Policy Implementation3 Credits

An examination of the way public administrators manage substantive public policy issues, such as housing, social welfare, and education. The focus is on the organizational factors and political issues affecting policy implementation.

Prerequisite: PADM 6838 or permission of the instructor

PADM 6863 Collective Bargaining in the Public Sector3 Credits

An examination of different concepts regarding collective bargaining in the public sector. The course includes the historical context of labor relations, collective bargaining process, analysis of issues such as public employee strikes, mediation, fact finding, and arbitration, as well as state and local government employee unionization.

Prerequisite: PADM 6833 or permission of the instructor

PADM 6864 Public Policy Formation3 Credits

An examination of how public policy is formulated at various levels of government in the United States.

Prerequisite: PADM 6838 or permission of the instructor

PADM 6865 Special Topics in Public Policy3 Credits

A focus on selected topics in substantive policy issues.

PADM 6869 Decision Sciences for Public Policy..3 Credits

An introduction to the application of decision-making technologies such as, decision making software (DMS), geographical information systems and software (GIS), and general decision support systems (DSS), to the public sector. The course examines theories and research on decision making and explores how emerging decision making technologies can be used in the public sector.

PADM 6870 Rights and Basic Needs of Public**Sector Employees3 Credits**

An indepth analysis of the rights and needs of government employees, including political participation, employment, and privacy on the job. Focus is also on the off-duty rights of public employees concerning issues of drug testing or sexual behavior.

Prerequisite: PADM 6833 or permission of the instructor

PADM 6871 Organization Behavior3 Credits

A study of individual behavior, interpersonal relations, group interactions, and the interplay of human and nonhuman factors. Focus is on the application of theoretical concepts to the practice of public organizations.

**HEALTH SERVICES
ADMINISTRATION CONCENTRATION****

- HSCA 7620 Health Care Administration3 Credits**
An analysis of current and prospective issues in health administration. The course includes the use of models and simulations for decision-making and control in health administration.
- HSCA 7665 Health Care Strategic Marketing and Planning3 Credits**
An indepth study of the selling of health using education techniques from the point of view of social scientists and business and health professionals. The utilization of concepts of health into lifestyle is addressed, using the human development model.
- HSCA 8630 Health Care Financial Management3 Credits**
An overview of management and policy concepts and issues pertaining to health care facilities, personnel, and programs.
- HSCA 8615 Legal and Ethical Environments of Health Care3 Credits**
A study of the legal basis and ethical dimensions of health care decision-making. The course is designed to give students a philosophical underpinning to discussions of specific legal and ethical topics in health care.
- HSCP 8700 Public Health Planning and Evaluation3 Credits**
A study of the planning and evaluation of health programs in a variety of settings.

******This concentration is offered in collaboration with Armstrong Atlantic State University Master of Health Services Administration degree program.

COLLEGE OF SCIENCES AND TECHNOLOGY

DEPARTMENT OF BIOLOGY AND LIFE SCIENCES

Biology
Marine Science
Environmental Studies

DEPARTMENT OF CHEMISTRY

Chemistry

DEPARTMENT OF MATHEMATICS, PHYSICS & COMPUTER SCIENCE TECHNOLOGY

Mathematics
Computer Science Technology

DEPARTMENT OF ENGINEERING TECHNOLOGY

Civil Engineering Technology
Chemical Engineering Technology
Electronic Engineering Technology
Mechanical Engineering Technology

DEPARTMENT OF MILITARY SCIENCE

Army ROTC

DEPARTMENT OF NAVAL SCIENCE

Navy ROTC



COLLEGE OF SCIENCES AND TECHNOLOGY

The College of Sciences and Technology is comprised of the following departments: the Department of Biology and Life Sciences, the Department of Chemistry, the Department of Mathematics, Physics and Computer Science Technology, the Department of Engineering Technology, the Department of Naval Science, and the Department of Military Science. It offers Bachelor of Science degree programs with majors in biology, marine science, environmental studies, chemistry, mathematics, electronics engineering technology, mechanical engineering technology, civil engineering technology, chemical engineering technology, and computer science technology.

The Naval Science Program gives young men and women the option to attend college majoring in an academic discipline of their choice while receiving military training culminating in being commissioned as military officers in the Navy or Marine Corps upon completion of the baccalaureate degree.

The Army Reserve Officers Training Program enhances a student's education by providing unique leadership and management training along with practical experience. It helps a student develop many of the qualities basic to success in the Army, or in a civilian career. ROTC gives students a valuable opportunity to build for the future by enabling them to earn a college degree and an officer's commission at the same time.

The College also offers a dual degree program in engineering with Georgia Institute of Technology.

Core Curriculum

All students enrolled for the first time in the Fall Semester 1998 must complete the core curriculum which consists of six areas and includes 60 semester hours of course work. Students who enrolled prior to Fall Semester and who have not completed the quarter hour core curriculum must complete the new core curriculum. Quarter hour courses completed will be converted to semester hours, and the total hours in the old core curriculum will be subtracted from sixty. Students will then complete that number of hours in the new core curriculum.

Numbers in parentheses following course descriptions indicate, in subsequent order, the number of hours of lecture each week, the number of laboratory hours each week, and the semester hour credit the course carries.

Students seeking degrees with any major through the College of Sciences and Technology are required to complete the University's Core Curriculum.

Students then select and complete the requirements for a specific major curriculum as described in the appropriate sections of this catalog.

DESCRIPTION OF COURSES

SCIENCES AND TECHNOLOGY

- ISCI 1101 Integrated Science I3 Credits**
Nature, physical properties, structure and evolution of the physical universe, nuclear energy and the atom, cosmology, the nature of energy and its conservation. (3-0-3)
- ISCI 1111K Integrated Science II4 Credits**
The physical earth, biological evolution, ecological processes, and human development. (3-2-4)
- Note: This is a 4-credit physical science course with laboratory.**

DEPARTMENT OF BIOLOGY AND LIFE SCIENCES

The Department of Biology and Life Sciences offers courses leading to the degree of Bachelor of Science with majors in biology (premedicine or preprofessional), environmental science, and marine science. The objectives of the department are as follows:

1. To provide training and study leading to degrees in biology, marine science, and environmental science and to provide preprofessional course work for persons interested in pursuing such health careers as medicine, veterinary medicine, dentistry, pharmacy, nursing, medical illustration, medical social work, medical transcription, environmental health, public health, industrial and biological research, and teaching.
2. To offer courses which satisfy the biological sciences curriculum requirements for baccalaureate degrees in biology, marine science, and environmental science.
3. To encourage students and faculty to participate in biological and biomedical research and to be active in pursuit of biological knowledge. Critical thinking, data analysis, computer and instrumentation usage are skills to be developed.
4. To offer core courses in biological sciences for non-biology majors.
5. To participate in community outreach activities as professional scientists, educators and representatives of the University.

Plan of Study

Biology 1103K and Biology 1104K are designed for non-science majors as part of the general curriculum. Biology 1301, 1401, 2107K and 2108K comprise the basic modern biology core requirements for all students majoring in biology. Subsequent to the sequential completion of the biology core, students are required, in consultation with academic advisors, to select an option of courses according to their interest and/or desired area of concentration.

Students interested in paramedical (allied health) careers satisfy the two year basic modern biology core sequence and science cognates according to specific requirements of selected training schools. Students are encouraged to plan health careers curricula with an assigned advisor.

PROGRAM OF STUDY

DEPARTMENT OF BIOLOGY AND LIFE SCIENCES

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
BIOL 1301 Introduction to Life Science	1 hour
BIOL 1401 Introduction to Biological Chemistry	2 hours
BIOL 2107K Principles of Biology I	4 hours
BIOL 2108K Principles of Biology II	4 hours
MATH 2101 Calculus I	4 hours
Computer/Foreign Language course	3 hours
CORE COURSES	60 hours
MAJOR IN BIOLOGY	60 hours
PHYS 1111K Introductory Physics I	4 hours
PHYS 1112K Introductory Physics II	4 hours
CHEM 3501, 3501L Organic Chemistry I	4 hours
CHEM 3511, 3511L Organic Chemistry II	4 hours
BIOL 3101, 3101L Botany	4 hours
BIOL 3201, 3201L Cellular and Molecular Biology	4 hours
BIOL 3301, 3301L Genetics	4 hours
BIOL 3321, 3321L Microbiology	4 hours
BIOL 3401, 3401L Ecology and Evolutionary Biology	4 hours
BIOL 4101, 4101L Physiology	4 hours
BIOL 4901 Senior Seminar	1 hour
BIOL 4920 Research or Internship	2 hours
BIOL 4930 Modern Trends in Biology	2 hours
Approved Electives	15 hours
Total Hours Required for the Major in Biology	125 hours
MAJOR IN ENVIRONMENTAL SCIENCE	60 hours
PHYS 1111K Introductory Physics I	4 hours
PHYS 1112K Introductory Physics II	4 hours
GEOL 1121K Physical Geology	4 hours
CHEM 3501, 3501L Organic Chemistry I	4 hours
CHEM 3511, 3511L Organic Chemistry II	4 hours
ENSC 3101, 3101L Introduction to Environmental Science	4 hours
ENSC 3121 Environmental Ethics	2 hours
ENSC 3201, 3201L Limnology	3 hours
ENSC 3203, 3203L Environmental Chemistry and Analysis	3 hours
ENSC 3205, 3205L Microbiology	4 hours
ENSC 3301, 3301L Radiation in the Environment	3 hours
BIOL 3401, 3401L Ecology and Evolutionary Biology	4 hours
ENSC 4101, 4101L Hydrology	4 hours
ENSC 4121 Environmental Law	2 hours
ENSC 4201 Environmental Safety and Risk Assessment	3 hours
ENSC 4301 Hazardous Waste Management	3 hours
ENSC 4401 Environmental Impact Assessment	2 hours

ENSC 4801 Internship	2 hours
ENSC 4901 Environmental Synthesis Seminar	1 hour
Total Hours Required for the Major in Environmental Science	125 hours
MAJOR IN MARINE SCIENCE	60 hours
PHYS 1111K Introductory Physics I	4 hours
PHYS 1112K Introductory Physics II	4 hours
CHEM 3501, 3501L Organic Chemistry I	4 hours
MSCI 3601 Biometry	3 hours
MSCI 3101, 3101L Marine Science I	4 hours
MSCI 3102, 3102L Marine Science II	4 hours
MSCI 3301, 3301L Marine Environmental Chemistry and Analysis	4 hours
MSCI 3401, 3401L Invertebrate Zoology	4 hours
MSCI 3501, 3501L Ichthyology	4 hours
MSCI 3901 Technical Writing and Seminar	3 hours
MSCI 4101, 4101L Research Internship	3 hours
MSCI 4201, 4201L Marine Ecology	4 hours
MSCI 4301, 4301L Biological Oceanography	4 hours
Science, Math, Technology Elective (3000 or 4000)	4 hours
Science, Math, Technology Elective (3000 or 4000)	3 hours
Science, Math, Technology Elective (3000 or 4000)	4 hours
Total Hours Required for the Major in Marine Science	125 hours

ENVIRONMENTAL SCIENCE MINOR

ENSC 3101, 3101L Introduction to Environmental Science	4 hours
ENSC 4121 Environmental Law	2 hours
ENSC 4401 Environmental Impact Assessment	2 hours
<i>Choose 7 or more semester hours from the following:</i>	
ENSC 3121 Environmental Ethics	2 hours
ENSC 3201, 3201L Limnology	3 hours
BIOL 3401, 3401L Ecology and Evolutionary Biology	4 hours
ENSC 4101, 4101L Hydrology	4 hours
ENSC 4201 Environmental Safety and Risk Assessment	3 hours
ENSC 4301 Hazardous Waste Management	3 hours
ENSC 4801 Internship	2 hours
ENSC 4901 Environmental Synthesis Seminar	1 hour
Total Hours Required for the Minor in Environmental Science	15 hours

BIOLOGY AND LIFE SCIENCES COURSES

Note: Unless otherwise noted, lecture courses meet three hours each week and carry three semester hours credit. Laboratory courses meet three hours each week and carry one semester hour credit.

DESCRIPTION OF COURSES

BIOLOGY COURSES

BIOL 1103K General Biology4 Credits

An introductory course for nonbiology science majors. The topics include an introduction to basic chemistry of life, cell structure and function, metabolism, cellular respiration, photosynthesis, plant organization and growth, origin and evolution of life, ecosystems, and the biosphere. (3-3-4)

BIOL 1104K Human Biology4 Credits

Human organization, functions of various organ systems in humans, development, the biosphere and inheritance. This course provides an overview of current issues relevant to humans. (3-3-4)

BIOL 1301 Introduction to Life Science1 Credit

Fundamentals of chemistry and their relation to the biological sciences and the responsibilities of professionals in these careers. This course includes discussions of the scientific method, ethics, critical thinking, and problem solving. (1-0-1)

BIOL 1401 Introduction to Biological Chemistry2 Credits

Basic principles and concepts of biology, life and living organisms, basic and applied biology, and an overview of various disciplines of biology, including cell biology and genetics; physiology; developmental biology; structural biology; microbiology; marine science; environmental science; and genetic engineering/biotechnology. (2-0-2)

BIOL 2040 Environmental and Evolutionary Issues2 Credits

Major issues facing man from philosophical, sociological, historical, ecological, and technological perspectives. (2-0-2)

Prerequisite: With the Instructor's permission

BIOL 2060 Introduction to Life Chemistry2 Credits

Interdisciplinary study and applications of compounds in living organisms and their biochemical reactions. (2-0-2)

Prerequisite: With the Instructor's permission

BIOL 2070 Biology of Aging2 Credits

Physiological and emotional changes associated with aging. (2-0-2)

Prerequisite: Permission of the Instructor

BIOL 2107K Principles of Biology I4 Credits

Introduction to broad themes in biology, with emphasis on chemistry and origin and evolution of life, metabolic diversity and regulation, cell structure and function, classical genetics, macromolecular synthesis (including proteins), recombinant DNA, and biotechnology. (3-3-4)

Prerequisites: BIOL 1401 and CHEM 1211 (For biology, marine science and environmental science majors)

- BIOL 2108K Principles of Biology II**4 Credits
Introduction to organismal and developmental biology; structure and physiology of plants and animals relative to their evolution and adaptation to different environments, classification, comparative and diverse adaptations in the biological kingdoms, neural and endocrine control processes, and immunology. (3-3-4)
Prerequisites: CHEM 1212; BIOL 2107K
- BIOL 2515K Human Anatomy and Physiology I**4 Credits
Gross anatomy, histology and physiology of human organ systems (Not for biology majors; Non-majors course intended for health profession students). (3-3-4)
Prerequisite: BIOL 2108K or equivalent
- BIOL 2516K Human Anatomy and Physiology II**4 Credits
A comprehensive study of the structure, location and functions of the organs and systems of the human body. Gross anatomy, histology, micro and macroscopic study of organs especially nervous, musculo-skeletal, endocrine and reproductive systems. (3-3-4)
Prerequisite: BIOL 2515K
- BIOL 3000 Laboratory Techniques for Medical Science**2 Credits
Procedures involved in urinalysis, hematology, blood-banking, parasitology, and tissue examination. (1-3-2)
Prerequisite: BIOL 2108K
- BIOL 3101 General Botany**3 Credits
An introduction to general principles of plant life with special emphasis given to cellular organization, anatomy, physiology, inheritance, taxonomy, and modern aspects of plant science, such as plant biotechnology and genetic engineering. (3-0-3)
Prerequisite: BIOL 2108K
- BIOL 3101L General Botany**1 Credit
Lab taken concurrently with BIOL 3101. (0-3-1)
- BIOL 3111 Field Botany**3 Credits
Collection, identification, and classification of plants and plant-like organisms, including flowering and nonflowering plants, fungi, and algae. This course emphasizes local flora. (3-0-3)
Prerequisite: BIOL 3101
- BIOL 3111L Field Botany**1 Credit
Laboratory techniques for collection, classification, and field study of local plants. (0-3-1)
- BIOL 3201 Cellular and Molecular Biology**3 Credits
An overview of eukaryotic cells, with an emphasis on animal cells. Analysis of the anatomy and physiology of cells and subcellular components, including molecular biochemical and evolutionary perspectives. (3-0-3)
Prerequisites: CHEM 1212 and BIOL 2108K
- BIOL 3201L Cellular and Molecular Biology**1 Credit
Lab taken concurrently with BIOL 3201. (0-3-1)
- BIOL 3211 Zoology**3 Credits
A study of major phyla of invertebrate animals, morphology, physiology, life histories, and taxonomic relationships of selected representatives of groups and an intense survey of the morphology, taxonomy, physiology, behavior, and ecology of the chordates, with attention given to basic principles and theories. (3-0-3)
Prerequisite: BIOL 2108K

BIOL 3211L Zoology	1 Credit
Lab taken concurrently with BIOL 3211. (0-3-1)	
BIOL 3301 Genetics	3 Credits
The principles of genetic analysis and the nature of genes. Discussion of the chromosomal and the molecular basis of transmission, replication, mutation, and expression of heritable characteristics. Includes modern developments in genetics, such as the physical nature and fine structure of the gene, its relationship to proteins, protein synthesis, growth, and differentiation and regulation of gene function. (3-0-3)	
Prerequisites: BIOL 2108K	
BIOL 3301L Genetics	1 Credit
Lab taken concurrently with BIOL 3301. (0-3-1)	
BIOL 3321 Microbiology	3 Credits
Introduction to origin, diversity, anatomy, and physiology of microorganisms; principles of immunology; environmental and applied microbiology. (3-0-3)	
Prerequisite: BIOL 2108K	
BIOL 3321L Microbiology	1 Credit
Lab taken concurrently with BIOL 3321. (0-3-1)	
BIOL 3401 Ecology and Evolutionary Biology	3 Credits
Mechanisms of evolution in relation to the genetics of plants, animals, and man; speciation and natural selection; ecological processes in the development, structure, and organization of biomes; biogeography; population ecology; communities, and ecosystems; species interactions; and the evolution of behavior. (3-0-3)	
Prerequisites: BIOL 2108K	
BIOL 3401L Ecology and Evolutionary Biology	1 Credit
Lab taken concurrently with BIOL 3401. (0-3-1)	
BIOL 3421 Food Microbiology	3 Credits
Quality control, processing and handling, preservation, and applicable statutes for quality. (3-0-3)	
Prerequisite: BIOL 3321	
BIOL 3421L Food Microbiology	1 Credit
Lab taken concurrently with BIOL 3200. (0-3-1)	
BIOL 3501 Animal Behavior	3 Credits
Ethological approach to animal behavior; physiological, ontogenetic, and phylogenetic causes and adaptive significance of behavior are examined. Principles of animal behavior are studied, emphasizing social organization, communication, and genetic development. (3-0-3)	
Prerequisites: BIOL 2108K	
BIOL 3511 Vertebrate Anatomy	3 Credits
Comparative studies of structures, across the vertebrate phylum. Includes analysis of evolutionary changes in vertebrates. (3-0-3)	
Prerequisite: BIOL 2108K	
BIOL 3511L Vertebrate Anatomy	1 Credit
Lab taken concurrently with BIOL 3511. (0-3-1)	

BIOL 3601 Biocomputing **.3 Credits**
 An introduction to a broad range of computational tools and methods which can be used to solve biological and statistical problems. Emphasis on computational analysis of nucleic acid and protein structure, and structure-function relationships. (3-0-3)

Prerequisites: CSCI 1130; BIOL 2108K

BIOL 3601L Biocomputing **.1 Credit**

Lab taken concurrently with BIOL 3601. (0-3-1)

BIOL 3621 Urban Health and Hygiene **.3 Credits**

An introduction to a variety of environmental and occupational health hazards of an urbanized society. Covers biological and health effects of environmental pollutants, disease vectors, food and housing sanitation, and principles of industrial hygiene. Social and psychological stresses environmental health planning and management are also discussed. (3-0-3)

Prerequisite: Junior standing

BIOL 3701 Bioethics **.1 Credit**

A course designed to promote responsible conduct of science. Topics covered include scientific integrity, misconduct in science, conflict of interest, plagiarism, informed consent, data management, animal welfare, laboratory safety, responsible authorship, intellectual property, copy rights and patents. (1-0-1)

Prerequisite: Instructor's approval

BIOL 4101 Animal Physiology **.3 Credits**

A study of vertebrate systemic physiological processes. Topics covered are bioenergetics, temperature regulation, endocrine control mechanisms; digestive, urinary, cardiac, respiratory, excretory, and reproductive systems; membranes; and neurophysiology. (3-0-3)

Prerequisites: BIOL 3201 and CHEM 3501

BIOL 4101L Animal Physiology **.1 Credit**

Lab may be taken concurrently with BIOL 4101. (0-3-1)

BIOL 4201 Toxicology **.3 Credits**

General principles of toxicology, testing procedures, target organs, toxic substances, and risk assessment. Emphasis is on the mechanisms involved in chemical carcinogenesis, mutagenesis, and teratogenesis. (3-0-3)

Prerequisites: BIOL 2108K; CHEM 3511

BIOL 4211 Reproductive Biology **.3 Credits**

Comparative anatomy, physiology, and endocrinology of male and female reproductive systems with emphasis on gametogenesis, early embryonic development, and mechanisms of birth control in humans. (3-0-3)

Prerequisite: BIOL 3201

BIOL 4211L Reproductive Biology **.1 Credit**

Lab taken concurrently with BIOL 4211. (0-3-1)

BIOL 4221 Microbial Physiology **.3 Credits**

Structural and functional relationships in microorganisms; regulation of the synthesis of macromolecules; intermediary metabolism; microbial biotechnology. (3-0-3)

Prerequisite: BIOL 3321

BIOL 4221L Microbial Physiology **.1 Credit**

Lab taken concurrently with BIOL 4221. (0-3-1)

- BIOL 4270 Mycology**3 Credits
Ecology, physiology systematics, development of microfungi and organisms of general, industrial, and economic importance. (3-0-3)
Prerequisite: BIOL 3321
- BIOL 4270L Mycology**1 Credit
Lab taken concurrently with BIOL 4270. (0-3-1)
- BIOL 4301 Biotechnology-An Overview**3 Credits
An overview of principles and techniques involved in biotechnology. The impact of biotechnology on mankind, with reference to its applications in agriculture, medicine, horticulture, forestry, fisheries, and environmental protection is discussed. (3-0-3)
Prerequisites: BIOL 3201 and 3301
- BIOL 4301L Biotechnology-An Overview**1 Credit
Lab taken concurrently with BIOL 4301. (0-3-1)
- BIOL 4411 Genetic Engineering Technology I**3 Credits
A basic understanding of molecular biology and its applications. Basic principles of recombinant DNA technology, its relevance to genetic engineering, and its use in basic and applied biology are discussed. (3-0-3)
Prerequisite: BIOL 4301
- BIOL 4411L Genetic Engineering Technology I**1 Credit
Lab taken concurrently with BIOL 4411. (0-3-1)
- BIOL 4412 Genetic Engineering Technology II**3 Credits
An indepth examination of concepts and principles of genetic engineering technology. Molecular mechanisms of gene transfer, integration, and expression of foreign genes in target tissues/organisms are discussed. (3-0-3)
Prerequisite: BIOL 4411
- BIOL 4412L Genetic Engineering Technology II**1 Credit
Lab taken concurrently with BIOL 4412. (0-3-1)
- BIOL 4501 Tissue Culture Technology**3 Credits
The principles and techniques involved in plant and animal cell/tissue culture and regeneration of organs and organisms (plants). Commercial applications of tissue culture technology, other applications (e.g., rescue of endangered species, environmental protection, etc.) and uses of this technology in basic research are discussed. (3-0-3)
Prerequisite: BIOL 4301
- BIOL 4501L Tissue Culture Technology**1 Credit
Lab taken concurrently with BIOL 4501. (0-3-1)
- BIOL 4511 Advanced Ecology**3 Credits
The structure and function of ecosystems, with regard to energy flow nutrient cycling, population growth and regulation, and community organization and dynamics Man's impact on biosphere and resulting social problems. Laboratory and field studies. (3-0-3)
Prerequisite: BIOL 3401
- BIOL 4511L Advanced Ecology**1 Credit
Lab taken concurrently with BIOL 4511. (0-3-1)

- BIOL 4601 Neuroscience**3 Credits
A study of neural function from the cellular through the behavioral levels. Analysis of neural structures and functions from the perspectives of electrophysiology, neurotransmitter mechanisms and pharmacology, neural networks, and comparative neuroanatomy. (3-0-3)
Prerequisites: BIOL 3201; 3511
- BIOL 4601L Neuroscience**1 Credit
Lab taken concurrently with BIOL 4601. (0-3-1)
- BIOL 4611 Developmental Biology**3 Credits
The study of organismal development, with an emphasis on animal systems. Course will include an analysis of genetic and hormonal factors during embryonic differentiation, with a perspective on phylogenetic relationships. (3-0-3)
Prerequisites: BIOL 3201; 3301; 3511
- BIOL 4601L Developmental Biology**1 Credit
Lab taken concurrently with BIOL 4611. (0-3-1)
- BIOL 4621 Virology**3 Credits
Biological properties of viruses; techniques of isolation, cultivation and propagation; involvement of viruses in health and diseases; regulation of viral products. (3-0-3)
Prerequisites: BIOL 3201 and 3321
- BIOL 4621L Virology**1 Credit
Lab taken concurrently with BIOL 4621. (0-3-1)
- BIOL 4631 Endocrinology**3 Credits
Physiology of the endocrine glands and their control of metabolism and reproductive cycles. (3-0-3)
Prerequisites: BIOL 3201 and 4101
- BIOL 4631L Endocrinology**1 Credit
Lab taken concurrently with BIOL 4631. (0-3-1)
- BIOL 4641 Parasitology**3 Credits
General principles of parasitism; classification, morphology, and life cycle of parasites of vertebrates, and immunoparasitology. (3-0-3)
Prerequisite: BIOL 2108K
- BIOL 4641L Parasitology**1 Credit
Lab taken concurrently with BIOL 4641. (0-3-1)
- BIOL 4651 Physiological Chemistry**3 Credits
Advanced biological chemistry, emphasizing intermediary metabolism, and regulation of metabolic pathways. (3-0-3)
Prerequisites: CHEM 3501; BIOL 3201
- BIOL 4651L Physiological Chemistry**1 Credit
Lab taken concurrently with BIOL 4651. (0-3-1)
- BIOL 4671 Plant Physiology**3 Credits
A study of physiological functions of green plants with emphasis on physical and chemical basis of the physiological processes. (3-0-3)
Prerequisites: BIOL 3101; CHEM 3511
- BIOL 4671L Plant Physiology**1 Credit
Lab taken concurrently with BIOL 4671. (0-3-1)

- BIOL 4681 Immunology**3 Credits
Introduction to the study of infection and immunity in disease, cell-mediated and humoral immunity, immunological methods, and immunochemistry. (3-0-3)
Prerequisites: BIOL 3201 and 3321
- BIOL 4681L Immunology**1 Credit
Lab taken concurrently with BIOL 4681. (0-3-1)
- BIOL 4701 Molecular Genetics**3 Credits
A study of molecular basis of inheritance with emphasis on the chemical nature of the gene, DNA replication, transcription, translation, and regulation of gene expression. The practical aspects include gene cloning, sequencing, and other recombinant techniques. (3-0-3)
Prerequisite: BIOL 3301
- BIOL 4701 Molecular Genetics**1 Credit
Practical laboratory exercises in gene cloning, sequencing and other recombinant DNA techniques. (0-3-1)
- BIOL 4711 Molecular Biology**3 Credits
Detailed analysis of structure and ultrastructure of the cell; biochemistry, biophysics, physiology, and molecular genetics. (3-0-3)
Prerequisites: CHEM 3501, BIOL 3201 and 3301
- BIOL 4711L Molecular Biology**1 Credit
Lab taken concurrently with BIOL 4711. (0-3-1)
- BIOL 4721 Physiological Ecology**3 Credits
A study of the anatomical, biochemical, and physiological adaptation of plants and animals to specific environments. Emphasis on physiological problems faced by organisms common to the local salt marsh and marine environments. Design and completion of individual research projects including data analysis and presentation. (3-0-3)
Prerequisites: CHEM 3501; MSCI 3111 or BIOL 3401; MSCI 3401
- BIOL 4721 Physiological Ecology**3 Credits
Lab taken concurrently with BIOL 4721. (3-0-3)
- BIOL 4901 Senior Seminar**1 Credit
Instruction on interpretation and presentation of topics in biology. Each student chooses a research topic and delivers presentations on selected topics. (0-3-1)
Prerequisite: Completion of 3000 level of core curriculum
- BIOL 4910 Applied and Industrial Microbiology**3 Credits
Isolation, characterization, preparation and industrial applications of microbial, plant and animal cells to mass culture; production of primary and second products. (3-0-3)
- BIOL 4910L Applied and Industrial Microbiology**1 Credit
Laboratory techniques for applied industrial microbiology. (0-3-1)
- BIOL 4920 Senior Research**2 Credits
A research project under faculty supervision, that includes researching the background on a given problem, defining an hypothesis, and planning and executing experiments. A written report/manuscript and oral presentation are required. (2-0-2)
Prerequisite: Completion of 3000 level of core curriculum

BIOL 4930 Modern Trends in Biology2 Credits
 Research of the impact of biological discoveries on society, and discussions and reports on those topics. (2-0-2)
Prerequisite: Completion of 3000 level of core curriculum

ENVIRONMENTAL SCIENCE COURSES

ENSC 3101 Introduction to Environmental Science3 Credits
 Interaction of man and the environment; survey of environmental problems facing man—ecological, technological, cultural, and economic. (3-0-3)

ENSC 3101L Introduction to Environmental Science1 Credit
 Lab taken concurrently with ENSC 3101. (0-3-1)

ENSC 3121 Environmental Ethics2 Credits
 The basics in philosophical and ethical thought, especially as related to the development in mankind of a new ecological ethic. (0-2-0)

Prerequisites: HUMN 2011, ENSC 3101

ENSC 3201 Limnology2 Credits
 Evolution and morphology of ponds, lakes, and streams; physical and chemical characteristics of inland water, aquatic biota, their taxonomy and ecology. (2-0-2)

Prerequisites: CHEM 1211, 1212; ENSC 3101; BIOL 3401

ENSC 3201L Limnology1 Credit
 Lab taken concurrently with ENSC 3201. (0-3-1)

ENSC 3203 Environmental Chemistry and Analysis2 Credits
 Biogeochemistry of trace elements, properties of soil and water; redox phenomenon; solid phase-solution equilibria; colloids, cation and anion sorption and desorption; methods of air, soil, water, sediment, and plant collection; techniques employed for environmental parameter analysis. (2-0-2)

Prerequisites: ENSC 3101, 3201; CHEM 1211, 1212

ENSC 3203L Environmental Chemistry and Analysis1 Credit
 Lab taken concurrently with ENSC 3203. (0-3-1)

ENSC 3205 Environmental Microbiology3 Credits
 Relationships of microorganisms to their environment and to other organisms: symbiotic, soil and aquatic microorganisms are considered, as well as principles of bioremediation. (3-0-3)

Prerequisites: BIOL 2107, 2108, CHEM 1211, 1212

ENSC 3205L Environmental Microbiology1 Credit
 Lab taken concurrently with ENSC 3205. (0-3-1)

ENSC 3301 Radiation in the Environment2 Credits
 A study of radioisotopes and radiation energy in the environment. Topics to be discussed are atomic structure and nuclear radiation, radioactive decay, interaction of charged particles and electrons with matter, methods of radiation detection, radiation dosimetry and radiation protection. (3-0-3)

Prerequisites: CHEM 1211, 1212; PHYS 1111, 1112

ENSC 3301L Radiation in the Environment1 Credit
 Lab taken concurrently with ENSC 3301. (0-3-1)

- ENSC 3621 Urban Health and Hygiene**3 Credits
 Biological and health effects of environmental pollutants, disease vectors, food and housing sanitation, and principles of industrial hygiene. (3-0-3)
Prerequisites: BIOL 2108K; ENSC 3101
- ENSC 4101 Hydrology**3 Credits
 Topics dealing with the fundamentals of the hydrologic cycle, budget and aquatic; precipitation, evapotranspiration, stream flow; ground water flow and urban vs. watershed models. Basic course in Calculus or equivalent. (3-0-3)
Prerequisites: MATH 1113, 2101
- ENSC 4101L Hydrology**1 Credit
 Lab taken concurrently with ENSC 4101. (0-3-1)
- ENSC 4121 Environmental Law**2 Credits
 The legal processes relating to resource conservation, utilization and the monitoring, control, and abatement of pollution of water, air and land. (2-0-2)
Prerequisites: Intro. ENSC 3101, 3121
- ENSC 4201 Environmental Safety and Risk Assessment**3 Credits
 Human exposure and health effects chemicals; regulatory safety processes and management requirements; preservation and control of accidental releases of hazardous materials; risk characterization, risk analysis, risk perception, risk management, including mitigation of accident and physical injury. (3-0-3)
Prerequisites: ENSC 3101, 3121; BIOL 3401
- ENSC 4202 Principles of Ecotoxicology**3 Credits
 Pollutants and their fate in ecosystems, effects of pollutants on individual organisms, populations and communities, and biomarkers in population studies. (3-0-3)
Prerequisites: BIOL 3401; CHEM 3511
- ENSC 4301 Hazardous Waste Management**3 Credits
 Waste categories; hazardous wastes disposal techniques; problems associated with current waste disposal techniques; major pathways of pollutant migration from disposal sites; emphasis on critical issues facing industry, government, and the public. (3-0-3)
Prerequisites: ENSC 3203; CHEM 3501, 3511
- ENSC 4401 Environmental Impact Assessment**2 Credits
 Land use planning and development strategies, zoning, subdivisions and community organization, growth, control, local, state and federal regulations; multi disciplinary terms are organized to produce actual EIS's; geology, soils, topography, hydrology, meteorology, biology, sociology and economics are all involved. (2-0-2)
Prerequisites: ENSC 3101, 3121; BIOL 3401
- ENSC 4801 Internship**2 Credits
 Supervised practical training and experience with an appropriate agency, internship report preparation, and presentation. (2-0-2)
- ENSC 4901 Environmental Synthesis Seminar**1 Credit
 Introduction to environmental literature search, research methodology, manuscript preparation, and seminar presentation. (1-0-1)

MARINE SCIENCE COURSES

- MSCI 3101 Marine Science I** **3 Credits**
 Survey of basic concepts and interrelationships of physical, geological, chemical, and biological oceanographic and inshore ecosystems. Introduction to function and application of oceanographic equipment. (3-0-3)
Prerequisites: BIOL 2107, 2108; CHEM 1211, 1212
- MSCI 3101L Marine Science I** **1 Credit**
 Lab taken concurrently with MSCI 3101. (0-3-1)
- MSCI 3102 Marine Science II** **3 Credits**
 Introduction to the physiology, morphology, taxonomy, and ecology of marine organisms and their role in oceanographic processes. (3-0-3)
Prerequisites: BIOL 2107, 2108; CHEM 1211, 1212
- MSCI 3102L Marine Science II** **1 Credit**
 Lab taken concurrently with MSCI 3102. (0-3-1)
- MSCI 3301 Marine Environmental Chemistry and Analysis** **3 Credits**
 Chemical composition and processes of seawater and coastal waters; methods and techniques employed in analyzing environmental parameters; carbonate buffering system of seawater, biogeochemical cycles. (3-0-3)
Prerequisites: CHEM 1212; MSCI 3101
- MSCI 3301L Marine Environmental Chemistry and Analysis** **1 Credit**
 Lab taken concurrently with MSCI 3301. (0-3-1)
- MSCI 3401 Invertebrate Zoology** **3 Credits**
 Survey of the major invertebrate taxa emphasizing function and special adaptations to coastal and marine environments. Practical emphasis on collection, preserving, sorting, and classifying, especially local species. (3-0-3)
Prerequisite: BIOL 2108
- MSCI 3401L Invertebrate Zoology** **1 Credit**
 Lab taken concurrently with MSCI 3401. (0-3-1)
- MSCI 3501 Ichthyology** **3 Credits**
 Evolution, classification, anatomy, physiology, and ecology of fishes. Includes methods for the collection, identification, maintenance, and study of southeastern coastal marine and estuarine species. (3-0-3)
Prerequisites: BIOL 2108; MSCI 3102
- MSCI 3501L Ichthyology** **1 Credit**
 Lab taken concurrently with MSCI 3501. (0-3-1)
- MSCI 3601 Biometry** **3 Credits**
 Introduction to statistics with applications in the biological and health sciences. Covers measurement, data, variables, dispersion, variance, parameters and estimates, errors, hypothesis/significance testing, t-tests, ANOVA, chi-square; correlations and regression analyses, and the use of computers in statistical analyses. (3-0-3)
Prerequisite: MATH 1113
- MSCI 3901 Technical Writing and Seminar** **3 Credits**
 The practical study of organizing and presenting scientific and technical information through writing and oral presentation. Covers the key elements of effective oral communication and written communication in memoranda, letters, questionnaires,

reports, articles, and abstracts. Introduces the application and practical capabilities of computers, word processing, and integrated software. **(3-0-3)**

Prerequisite: ENGL 1102

MSCI 4101 Research1 Credit
Provides background information and assistance for students to engage in original independent scientific research. By describing how to find pertinent scientific literature on a topic, problem, or question, explaining how to apply for summer research internships at marine laboratories and oceanographic institutions, and describing the organizational need and elements of the research report, the student should be able to design an independent research project, write the background or introduction of the report from library research and interviews. **(1-0-1)**

Prerequisite: Junior standing; MSCI 3101

MSCI 4101L Research Internship2 Credits
Taken subsequent to or concurrently with MSCI 4101, MSCI 4101L Research Internship is an independent study opportunity to engage in original independent scientific research. The student must meet regularly with the instructor and a research advisor (SSU or research institute faculty). **(0-4-2)**

Prerequisite/concurrent course: MSCI 4101

MSCI 4201 Marine Ecology3 Credits
Principles of ecology related to marine and estuarine ecosystems. Theoretical population dynamics, age distributions, competition, predation, ecology are studied using computer modeling. Results of practical experimental approach to the study of marine ecosystems are analyzed using computer simulation, modeling, and analysis. **(3-0-3)**

Prerequisites: MSCI 3101, 3102, 3301

MSCI 4201L Marine Ecology1 Credit
Lab taken concurrently with MSCI 4201. **(0-3-1)**

MSCI 4301 Biological Oceanography3 Credits
Global-scale considerations of biological features and processes within oceanic environments including: marine biogeography, oceanographic nutrient cycles, food webs and energy flow, pelagic and abyssal zone community dynamics, oceanic food resources, plankton biology, mathematical modeling. **(3-0-3)**

Prerequisites: MSCI 3101, 3301, 3401

MSCI 4301L Biological Oceanography1 Credit
Lab taken concurrently with MSCI 4301. **(0-3-1)**

MSCI 4501 Current Issues in Oceanography3 Credits
An in-depth discussion and review of critical literature on topics of current interest in oceanography and marine science. Topics include climate change, biological responses, nutrient budgets, coastal issues, microbial processes and new methodologies. **(3-0-3)**

Prerequisites: BIOL 2108K; CHEM 3501

DEPARTMENT OF CHEMISTRY

The Department of Chemistry offers the usual general courses, a minor sequence in Chemistry, a minor sequence in Forensic Science, a minor in Polymer Chemistry, and courses leading to the degree of Bachelor of Science with a major in chemistry.

The department also offers a program in teacher certification in chemistry. The objective of this program is to provide students with the proper combination of chemistry and education courses so that they may be prepared to teach chemistry at the high school level.

Courses in Chemistry are designed to meet the following objectives:

To prepare students for professional careers in the general areas of chemistry by providing adequate chemical knowledge and laboratory skills.

To provide pre-professional training for students who intend to study dentistry, medicine, pharmacy, and other health professions and for those who plan graduate study.

To provide the required chemistry background for students majoring in engineering technology, criminal justice, and biology and life sciences.

To provide a thorough foundation in the lower level courses for those students from the College of Business Administration and the College of Liberal Arts and Social Sciences who seek an understanding of chemical principles and methods.

The Department of Chemistry requires majors to earn a minimum grade of "C" in each chemistry course required for the degree.

MAJOR IN CHEMISTRY

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F	18 hours
MATH 2101 Calculus I	4 hours
MATH 2111 Calculus II	4 hours
CHEM 1211, 1211L Principles of Chemistry I	4 hours
CHEM 1212, 1212L Principles of Chemistry II	4 hours
CHEM 2101 Quantitative Analysis	2 hours
Major Requirements:	60 hours
Chemistry Foundation Requirements:	36 hours
CHEM 3101 Analytical Chemistry	4 hours
CHEM 3201, 3210L Instrumental & Data Analysis	4 hours
CHEM 3302 Research or Internship	2 hours
CHEM 3401, 3401L Physical Chemistry I	4 hours
CHEM 3411, 3411L Physical Chemistry II	4 hours
CHEM 3501, 3501L Organic Chemistry I	4 hours
CHEM 3511, 3511L Organic Chemistry II	4 hours
CHEM 3522 Techniques of Organic Chemistry	2 hours
CHEM 4101, 4101L Biochemistry	4 hours
CHEM 4121 Inorganic Chemistry	3 hours
CHEM 4901 Chemical Seminar	1 hour

Chemistry electives 7 sem. hours

(These courses are to be selected by the students in consultation with their advisors and approved by the Chair of the Department of Chemistry.)

Additional Supportive Courses

PHYS 1111 General Physics I 4 hours

PHYS 1112 General Physics II 4 hours

OR

PHYS 2211 Principles of Physics I 4 hours

PHYS 2212 Principles of Physics II 4 hours

Choose one from the following:

CSCI 1150 Computer Programming in FORTRAN 3 hours

CSCI 2216 Programming in Pascal 3 hours

CSCI 1301 Computer Science I 3 hours

Foreign Language sequence

Choose one sequence from the following: **6 hours**

FREN 1001 Elementary French I 3 hours

FREN 1002 Elementary French I 3 hours

GRMN 1001 Elementary German I 3 hours

GRMN 1002 Elementary German II 3 hours

SPAN 1001 Elementary Spanish I 3 hours

SPAN 1002 Elementary Spanish II 3 hours

Total Hours Required for the Major in Chemistry 125 hours

DEPARTMENT OF CHEMISTRY MINORS

Chemistry Minor 16 hours

Choose four of the following:

CHEM 3101, 3101L Analytical Chemistry 4 hours

CHEM 3501, 3501L Organic Chemistry I 4 hours

CHEM 3511, 3511L Organic Chemistry II 4 hours

CHEM 3421, 3421L Biophysical Chemistry 4 hours

CHEM 4101, 4101L Biochemistry 4 hours

Polymer Chemistry Minor 17 hours

CHEM 3601, 3601L Polymer Chemistry 4 hours

CHEM 4601, 4601L Organic Chemistry of Polymer 3 hours

CHEM 4801 Special Topics 3 hours

CHEM 3101 Introduction to

Chemical Engineering Technology 1 hour

CHEM 3201 Process Operations 3 hours

CHEM 3221 Unit Operations 3 hours

Forensic Science Minor 15 hours

FSCI 3201 Forensic Evidence in Law Enforcement 3 hours

FSCI 3301, 3301L Principles of Forensic Science 4 hours

FSCI 4101, 4101L Personal Identification and

DNA Fingerprint Analysis 4 hours

FSCI 4201, 4201L Drug Abuse & Drug Analysis 4 hours

DESCRIPTION OF COURSES

CHEMISTRY COURSES

Note: Unless otherwise noted, lecture courses meet three hours each week and carry three semesters hours credit. Laboratory courses meet four hours each week and carry one semester hour credit.

CHEM 1211 Principles of Chemistry I3 Credits

First course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors. This course covers composition of matter, stoichiometry, periodic relations, and nomenclature.

CHEM 1211L Principles of Chemistry I Laboratory I1 Credit

Laboratory exercises to supplement the lecture material of CHEM 1211. (0-4-1)

CHEM 1212 Principles of Chemistry II3 Credits

Second course in a two-semester sequence covering the fundamental principles and applications of chemistry for science majors.

Prerequisite: CHEM 1211

CHEM 1212L General Chemistry II Laboratory1 Credit

Laboratory exercises to supplement the lecture material of CHEM 1212. (0-4-1)

Prerequisite: CHEM 1211L

CHEM 1401 Opportunities in Chemistry1 Credit

An introduction to the profession of chemistry. Career opportunities available to chemistry students and the responsibilities that accompany them.

CHEM 2101 Quantitative Analysis2 Credits

The theory of gravimetric and volumetric analysis. An introduction to instrumental methods of analysis.

Prerequisite: CHEM 1211

CHEM 3101 Analytical Chemistry3 Credits

Principles and techniques in volumetric and gravimetric determinations. Principles of chemical equilibria using chromatographic, spectrophotometric, and potentiometric methods of analysis.

Prerequisite: CHEM 1212

CHEM 3101L Analytical Chemistry Laboratory1 Credit

Lab taken concurrently with CHEM 3101. (0-4-1)

Prerequisite: CHEM 1212L

CHEM 3201 Instrumental and Data Analysis3 Credits

Instrumental techniques used in chemical analysis with emphasis on accuracy and precision. Statistical and regression methods for the interpretation of data.

Prerequisite: CHEM 3101

CHEM 3201L Instrumental Analysis Laboratory1 Credit

Lab taken concurrently with CHEM 3201. (0-4-1)

Prerequisite: CHEM 3101L

CHEM 3302 Research/Internship2 Credits

Supervised research including literature search, laboratory experimentation, and interpretation and presentation of results. (0-6-2)

Prerequisite: Junior standing

CHEM 3401 Physical Chemistry I3 Credits
Thermochemistry, thermodynamics, equilibria, electrochemistry, kinetics, and quantum mechanics.

Prerequisites: MATH 2111; CHEM 1212

CHEM 3401L Physical Chemistry Laboratory I0 Credits
Lab taken concurrently with CHEM 3401. (0-4-1)

Prerequisite: CHEM 1212L

CHEM 3411 Physical Chemistry II3 Credits
Liquids, solids, surface and transport phenomena. Modern treatment of atom, structure, spectroscopy, statistical mechanics, and statistical thermodynamics.

Prerequisite: CHEM 3401

CHEM 3411L Physical Chemistry Laboratory II1 Credit
Lab taken concurrently with CHEM 3411. (0-4-1)

Prerequisite: CHEM 3401L

CHEM 3421 Biophysical Chemistry3 Credits
A course designed for premed students and students in biological sciences or related disciplines. Students will study kinetic theory of gases, chemical kinetics (including enzyme kinetics), thermochemistry and thermodynamics, acids, bases and pH, colligative properties of solutions, nuclear chemistry, and radioassays, conformational aspects of enzymes (proteins), hormonal proteins, genes and synthesis of biologically active proteins, and genetic engineering.

Prerequisite: CHEM 1212

CHEM 3421L Biophysical Chemistry Laboratory1 Credit
Lab taken concurrently with CHEM 3421. (0-4-1)

CHEM 3501 Organic Chemistry I3 Credits
The first of two semester introductory courses covering the principles of organic chemistry. This course covers the properties, preparation, reactions, and interrelationships of the important classes of organic chemistry.

Prerequisite: CHEM 1212

CHEM 3501L Organic Chemistry Laboratory I1 Credit
Lab taken concurrently with CHEM 3501. (0-4-1)

Prerequisites: CHEM 1212, 1212L

CHEM 3511 Organic Chemistry II3 Credits
A continuation of Organic Chemistry I.

Prerequisite: CHEM 3501

CHEM 3511L Organic Chemistry Laboratory II1 Credit
A continuation of Chemistry Organic Chemistry Laboratory I taken concurrently with CHEM 3511. (0-4-1)

Prerequisites: CHEM 3501, 3501L

CHEM 3522 Techniques of Organic Chemistry2 Credits
Multistep synthesis, Isolation and characterization of organic molecules from different matrices, using chromatographic and spectroscopic techniques. (0-6-2)

Prerequisites: Chem 3511, 3511L

CHEM 3531 Organic Synthesis3 Credits
Survey of modern organic synthesis with emphasis on mechanism of reactions.

Prerequisite: Chem 3511

CHEM 3601 Polymer Chemistry3 Credits
Chemistry of polymers and the chemical and physical properties of polymers. The course covers molecular weight characterization, structure and morphology, and fabrication of polymer.

Prerequisites: CHEM 3511, 3401

CHEM 3601L Polymer Chemistry Laboratory1 Credit
Lab taken concurrently with CHEM 3601. (0-4-1)

Prerequisites: CHEM 3511, 3511L

CHEM 4101 Biochemistry3 Credits
Structure and function of proteins, nucleic acids, carbohydrates, and lipids. Emphasis on mechanistic analysis of metabolic pathways and enzymes activity.

Prerequisite: CHEM 3511

CHEM 4101L Biochemistry Laboratory1 Credit
Lab taken concurrently with CHEM 4101. (0-4-1)

Prerequisites: CHEM 3511, 3511L

CHEM 4111 Advanced Biochemistry3 Credits
Recent advances in medical biochemistry with clinical correlations. Biochemistry of metabolic diseases, neuroendocrine and reproductive biochemistry, signal transduction, receptor chemistry, transcriptional regulation, cancer biochemistry, and oncogenes and oncoproteins.

Prerequisite: CHEM 4101

CHEM 4121 Inorganic Chemistry3 Credits
Principles of inorganic chemistry with emphasis on atomic structure, chemical bonding, solid state, coordination chemistry, organic metallic chemistry, and acid-base theories. Chemistry of selected elements.

Prerequisites: CHEM 1211, 3401, 3411

CHEM 4201 Medicinal Chemistry3 Credits
Synthesis, structure, and mode of action of therapeutically active compounds. Design of pharmaceutical agents based on enzyme mechanism, structure activity relationships, and computer modeling.

Prerequisites: CHEM 3511, 4101

CHEM 4301 Chemistry of the Environment3 Credits
Chemical processes important in the environment from naturally occurring and man-induced systems. Thermodynamic and chemical considerations of fuels; the thermodynamics of the atmosphere; atmospheric photochemistry; chemistry of natural water systems; chemistry of pesticides, fertilizers, and other important environmental contaminants; aspects of the carbon, nitrogen, and sulfur cycles.

Prerequisite: CHEM 3101

CHEM 4301L Chemistry of the Environment Laboratory1 Credit
Lab taken concurrently with CHEM 4301. (0-4-1)

Prerequisites: CHEM 3101, 3101L

CHEM 4501 Chemistry of Materials3 Credits
Basic principles of chemistry with an emphasis on structure and bonding. Thermodynamics, kinetics, and ideal solids.

Prerequisite: CHEM 1211

CHEM 4601 Organic Chemistry of Polymers3 Credits
Polymer synthesis and reactivity with emphasis on organic functional group chemistry.

Prerequisite: CHEM 3601

CHEM 4601L Organic Chemistry of Polymers Laboratory1 Credit

Lab taken concurrently with CHEM 4601. (0-4-1)

Prerequisites: CHEM 3601, 3601L**CHEM 4801 Special Topics3 Credits**

Discussion of current topics in organic, analytical, physical chemistry, biochemistry, or polymer chemistry.

CHEM 4901 Chemical Seminar1 Credit

Modern development in specific subdivisions of the field of chemistry.

Prerequisite: Junior or senior standing.**FORENSIC SCIENCE COURSES****FSCI 3101 Introductory Forensic Chemistry3 Credits**

Introduction to basic principles and ideas in general, organic, nuclear, and biochemistry suited for the preparation of students to take advanced courses in forensic chemistry, nursing, or pharmacy related studies.

Prerequisite: MATH 1113**FSCI 3102 Introductory Forensic Chemistry Laboratory3 Credits**

Lab to supplement FSCI 3101. (0-4-1)

FSCI 3201 Forensic Evidence in Law Enforcement3 Credits

Principles of criminal law and procedure, preparation and presentation of evidence; examination of witnesses, and methods of legal research. Emphasis will be placed on court opinions defining the rules of search and seizure and advisability of evidence.

Prerequisite: CHEM 1211**FSCI 3301 Principles of Forensic Sciences3 Credits**

Application of chemical and instrumental techniques that are currently used in crime laboratories to examine firearms, tool marks, documents, arson accelerants, drugs, hairs, plastics, paints, glass, soil, and textile fibers.

Prerequisite: FSCI 3201**FSCI 3302 Principles of Forensic Science Laboratory1 Credit**

Lab to supplement FSCI 3301. (0-4-1)

FSCI 4101 Personal Identification and**DNA Fingerprint Analysis3 Credits**

Modern techniques in personal identification, with various methods in DNA fingerprint analysis, DNA profiling, DNA typing in rape and murder cases and in cases of paternity testing.

Prerequisites: CHEM 1211; FSCI 3301**FSCI 4102 Personal Identification and****DNA Fingerprint Analysis Lab1 Credit**

Lab to supplement FSCI 4101. (0-4-1)

DEPARTMENT OF MATHEMATICS, PHYSICS AND COMPUTER SCIENCE TECHNOLOGY

The Department of Mathematics, Physics and Computer Science Technology offers courses leading to the baccalaureate degree in two areas — mathematics and computer science technology — and a double major in mathematics and any area of technical sciences. Minor programs in mathematics, physics, and computer science are available. The department promotes an extensive interdisciplinary approach to provide students a sound educational background, one that will make the students quite marketable and thus prepared for gainful employment, or prepared to pursue graduate study.

The main objectives of the Department of Mathematics, Physics, and Computer Science Technology are (1) to provide a program of study in mathematics, physics, physical science, environmental and computer sciences which will enable students to achieve computational and problem-solving skills, and understanding of basic physical principles, and will enable them to apply these basic skills to their respective areas of study; and (2) to provide students in mathematics, and computer science technology with the theory and applications necessary for use in post-baccalaureate study and/or in the work force, insights into physical and natural laws, and the analytical and logical thinking necessary for the application of these tools in the various fields as measured by departmental and national level examinations.

FRESHMAN MATHEMATICS

Entering freshmen whose scores on the combined verbal and mathematics sections of the Scholastic Aptitude Test (SAT) meet the requirements of regular admission are placed in college algebra, precalculus or calculus courses.

Applicants for admission whose SAT scores do not meet the requirements for regular admission must take the Collegiate Placement Examination (CPE) or COMPASS placement test in English, reading, and mathematics. On the basis of their achievement on the mathematics test, these students are assigned to college algebra or to a mathematics course in the Division of Learning Support.

REQUIRED EXAMINATIONS

Candidates for the baccalaureate degree in the Department of Mathematics, Physics, and Computer Science Technology are required to pass the reading and essay writing components of the Regents' Test Program (RTP).

Senior mathematics, physics (deactivated) and computer science technology majors are required to take the Graduate Record Examination (Area and Aptitude Tests) as the comprehensive examination in their field.

All graduating seniors of the department are required to take the departmental assessment examination.

EXEMPTION EXAMINATIONS

Students may be exempted with credit hours from college algebra, precalculus, or calculus courses by passing the requisite examinations. Examinations should be taken before the end of the first semester of enrollment at Savannah State University and must be taken in sequential order. The College Level Examination Program (CLEP) tests are administered by the University's Director of Testing.

Examinations Required for Exemption with Credit

Course	Test	Minimum Passing Score
College Algebra	CLEP - College Algebra	70%
Precalculus	CLEP - Trigonometry	70%
Calculus I	Advanced Placement (AP) - Calculus AB	3%
Calculus II	Advanced Placement (AP) - Calculus BC	3%

IMPORTANT INFORMATION

Students who have passed either Calculus I, Calculus II, or Calculus III with a minimum grade of "C" will not receive credit hours for the precalculus course taken subsequently.

All students must pass both parts of the Regents' Test and must earn a minimum grade of "C" in all courses specified as major and/or minor requirements.

Students enrolled in the Department of Mathematics, Physics, and Computer Science Technology who earned less than the grade of "C" in any English, mathematics, science, engineering technology, or major or minor course required in their curriculum must repeat the course during the next semester that the course is offered.

Students whose score on the mathematics section of the SAT is less than 475 must take college algebra, the prerequisite course for precalculus.

BACCALAUREATE DEGREE PROGRAMS

MATHEMATICS

The curriculum in mathematics is designed for those students who are interested in careers in mathematics or related fields (after graduation) in industry/government or in pursuing an advanced degree in mathematics, pure or applied.

PHYSICS

(Deactivated effective September, 1990)

COMPUTER SCIENCE TECHNOLOGY

The curriculum in Computer Science Technology is designed for those students who are interested in careers in computer science. This program is flexible enough so that students may orient the major emphasis toward the software aspect of computer science or to the hardware realm of computer science.

DUAL DEGREE PROGRAM

In cooperation with the Georgia Institute of Technology, a dual degree program is offered, whereby undergraduate students can attend Savannah State for approximately three years and then attend the Georgia Institute of Technology for approximately two years. Upon completion of the program, students will receive baccalaureate degrees from both institutions. More details on this program are listed in the engineering technology section of this catalog.

MATHEMATICS CURRICULUM

MAJOR IN MATHEMATICS

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours
MATH 2101 Calculus I	4 hours
MATH 2111 Calculus II	4 hours
MATH 2121 Calculus III	4 hours
CSCI 1150 Programming in FORTRAN	3 hours
<i>One of the following:</i>	
MATH 2201 Introduction to Probability and Statistics	3 hours
MATH 2301 Introduction to Discrete Mathematics	3 hours

MAJOR REQUIREMENTS

(Required courses and specified elective choices)	30 hours
Required courses	15 hours
MATH 3101 Linear Algebra	3 hours
MATH 3201 Probability and Statistics I	3 hours
MATH 3211 Foundations of Higher Math	3 hours
MATH 4101 Abstract Algebra I	3 hours
MATH 4201 Analysis I	3 hours
Specified Elective Choices:	15 hours
<i>Choose one of the following:</i>	
MATH 4111 Abstract Algebra II	3 hours
MATH 4211 Analysis II	3 hours
MATH 4311 Probability and Statistics II	3 hours
<i>Choose four of the following:</i>	
MATH 3301 Differential Equations	3 hours
MATH 3401 Modern Geometry	3 hours
MATH 3501 Numerical Analysis	3 hours
MATH 4111 Abstract Algebra II	3 hours
MATH 4211 Analysis II	3 hours
MATH 4221 Complex Analysis	3 hours
MATH 4311 Probability and Statistics II	3 hours
MATH 4401 Number Theory	3 hours
MATH 4411 Statistical Methods	3 hours
MATH 4421 Regression Analysis	3 hours

MATH 4501 Introduction to Topology	3 hours
MATH 4701 History of Math	3 hours
MATH 4901 Senior Seminar	3 hours

Note: Students who plan to attend graduate school should take MATH 4111, 4211, 4221, and 4501.

Elective (3000 and 4000 level courses excluding foreign language courses) 12-15 hours

All majors are encouraged to take mathematics electives to fulfill their remaining 12-15 hours of course work. To that effect, the department has devised three cognate areas, and students are advised to choose one.

Analysis Cognate:

MATH 3301 Differential Equations	3 hours
MATH 4211 Analysis II	3 hours
MATH 4221 Complex Analysis	3 hours

Statistics Cognate:

MATH 4211 Analysis II	3 hours
MATH 4311 Probability and Statistics II	3 hours
MATH 4411 Statistical Methods	3 hours
MATH 4421 Regression Analysis	3 hours

Pure Mathematics and Secondary Education Minors:

MATH 3401 Modern Geometry	3 hours
MATH 4111 Abstract Algebra II	3 hours
MATH 4401 Number Theory	3 hours
MATH 4501 Introduction to Topology	3 hours

Note: Students who plan to attend graduate school should take 6 hours of foreign language (French or German) as part of their electives.

Note: Students opting for the analysis cognate should take 8 hours of physics (calculus based) in Area B of the core curriculum.

Minor field	15-18 hours
Total Hours Required for the Major in Mathematics	125 hours

MAJOR IN COMPUTER SCIENCE TECHNOLOGY

Core Curriculum (Areas A, B, C, D, E, and additional requirements)	47 hours
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Area F Courses Appropriate to the Program of Study	18 hours
CSCI 1301 Computer Science I	3 hours
CSCI 1302 Computer Science II	4 hours
MATH 2101 Calculus I	4 hours
MATH 2301 Discrete Mathematics	3 hours

Choose one of the following:

CSCI 1610 Programming in Java	4 hours
CSCI 2216 Programming in Pascal	4 hours

Major Courses	60 hours
Computer Science Technology	
CSCI 3000 Data Structure	3 hours
CSCI 3385 Network	3 hours
CSCI 2231 UNIX	3 hours
CSCI 2233 Programming in Ada or CSCI 2235 Comparative Prog. Lang	3 hours
CSCI 4210 Database and File Processing	3 hours
CSCI 3210 Advanced Java	3 hours
CSCI 4801 Project Design	1 hour
<i>Choose one of the following courses:</i>	
CSCI 4310 Compiler	3 hours
CSCI 3414 Software Engineering	3 hours
CSCI 4110 Operating Systems	3 hours
<i>Choose one of the following:</i>	
CSCI 3102 Visual Basic	3 hours
CSCI 3120 Power Builder	3 hours
CSCI 3110 Delphi	3 hours
Mathematics	
MATH 2111 Calculus II	4 hours
MATH 2121 Calculus III	4 hours
Mathematics Elective	3 hours
Engineering Technology	
ENGT 2101K Computer Graphics	3 hours
ELET 3101K Circuit I	3 hours
ELET 3111K Circuit II	3 hours
ELET 3301K Digital System I	3 hours
ELET 3311K Digital System II	3 hours
ELET 4411K Computer Electronics	3 hours
ELET 3401K Microcomputer Interfacing	3 hours
<i>Choose one of the following courses:</i>	
ELET 4201K VLSI Design	3 hours
ELET 3411K Microcontroller	3 hours
Total Hours Required for the Major in Computer Science Technology	125 hours

DEPARTMENT OF MATHEMATICS, PHYSICS, AND COMPUTER SCIENCE TECHNOLOGY MINORS

MATHEMATICS MINOR	15-18 hours
MATH 2101 Calculus I	4 hours
MATH 2111 Calculus II	4 hours
MATH 3101 Linear Algebra	3 hours
MATH 3201 Probability and Statistics I	3 hours
Mathematics Elective — Upper Division	3 hours
(Students who have taken MATH 2101 and/or 2111 in a major program will take MATH 2111 and/or 2121 and nine to twelve hours of upper division courses to have a minimum of sixteen semester hours.)	

MINOR IN COMPUTER SCIENCE TECHNOLOGY	18 hours
Select 9 hours from the following courses:	
CSCI 1150 Programming in Fortran	3 hours
CSCI 2216 Programming in Pascal	4 hours
CSCI 1301 Computer Science I	3 hours
CSCI 1302 Computer Science II	4 hours
CSCI 2231 Introduction to Unix	3 hours
Select 9 Hours:	
Upper Division Computer Science Technology Courses	9 hours
MINOR IN PHYSICS	17 hours
PHYS 3111 Heat and Thermodynamics	3 hours
PHYS 3121 Optics	3 hours
PHYS 3131 Magnetism and Electricity	3 hours
PHYS 3211 Mathematical Physics	3 hours
PHYS 4111 Modern Physics	3 hours
PHYS 4951 Introduction to Research in Physics	2 hours

DESCRIPTION OF COURSES

COMPUTER SCIENCE COURSES

- CSCI 1130 Computer and its Applications3 Credits**
An introductory course specially designed to help students become computer literate. The course covers the history of computers, hardware, software, and use of the state-of-the-art technology. Another unique feature of this course is that students use internet, MS OFFICE applications using word processing, spreadsheets, and HTML language to create home pages.
- CSCI 1150 Programming in FORTRAN3 Credits**
Emphasis in writing scientific programs using FORTRAN compiler. Use of data types, subroutines, functions, arrays, and files is discussed.
Prerequisite: MATH 1113
- CSCI 1301 Computer Science I3 Credits**
An introduction to the principles of computer programming with emphasis on problem solving methods. The topics include an introduction to data representation, data type and control structures, procedures and functions, and programming methodology.
Prerequisite: MATH 1113
- CSCI 1302 Computer Science II4 Credits**
An introduction to object-oriented programming language using abstract data type. Emphasis will be placed on encapsulation, inheritance and polymorphism, recursive programming, pointers, linked lists, stacks, strings, and trees.
Prerequisite: CSCI 1301
- CSCI 1610 Programming in Java4 Credits**
An introduction to Java, which is a simple, object-oriented, distributed, interpreted, robust, secure, architecture-neutral, portable, high-performance, multithreaded and dynamic language. The course includes extensive use of classes, support of networking, basic data structures, abstract data type, recursion, and searching and sorting.
Prerequisite: MATH 1111

CSCI 2216 Programming in Pascal4 Credits

An introduction to data representation and computer system organization, use of algorithms to develop data types and control structures, and use of functions, procedures, and data type. Further emphasis is placed on advanced structured programming and an introduction to data structures.

Prerequisite: MATH 1113

CSCI 2218 Programming in LISP3 Credits

An introduction to LISP, a fifth-generation computer language that takes programming into a new dimension for artificial intelligence programming. Students learn a new logical approach and build powerful applications, such as expert systems. The course focuses on data types, the NIL, integers, character strings, file ports, compiled function atoms, cells, lists, strings, and symbol functions.

Prerequisites: CSCI 1301, 1302

CSCI 2231 Introduction to UNIX3 Credits

An introduction to UNIX operating system which will provide a convenient and consistent interface to the wide variety of peripheral devices that are connected to the computer. Students learn history and fundamentals of SUN Operating System, by entering commands using Shell, the UNIX file systems; text file utilities. Vi editor, Shell scripts, AWK (Aho, Weingerger, Kernighan) programming language, and Local Area Networking Utilities.

Prerequisite: CSCI 2216

CSCI 2233 Programming in Ada3 Credits

An introduction to the powerful high-order programming language for software design. Emphasis is on Ada program structure, type of variables, Ada control statements, Ada fundamentals, procedures and function, packages, generics, and Ada resources.

Prerequisite: CSCI 2216

CSCI 2235 Comparative Programming Language3 Credits

A comparative study of programming languages. Topics included are recursion, passing parameters in structured programs, control structures, and storage allocation techniques. UNIX compilers for these languages will be used.

Prerequisites: CSCI 1301, 1302, 1610, 2216, 2231

CSCI 3000 Data Structure and Algorithm Design3 Credits

Introduction to computation complexities, object-oriented programming, basic data structures; lists, stacks, trees, recursion, and graphs.

Prerequisite: CSCI 1302

CSCI 3102 Visual Basic3 Credits

An introduction to Visual Basic and Windows 95 applications. Topics include Form, List Box, Text Box, Scroll Bars, Menu and other windows resources.

Prerequisite: CSCI 3000

CSCI 3110 Delphi3 Credits

An introduction to Delphi and Windows 95 applications. Topics include: Form, List Box, Text Box, Scroll Bars, Menu, and other windows resources.

Prerequisite: CSCI 3000

CSCI 3120 Power Builder3 Credits

An introduction to Power Builder and Windows 95 applications. Topics include Form, List Box, Text Box, Scroll Bars, Menu, and other windows resources.

Prerequisite: CSCI 3000

CSCI 3210 Advanced Java3 Credits

An introduction to Java and Web page programming. Students write basic Java applets.

Prerequisites: CSCI 3000, CSCI 1610

CSCI 3385 Computer Network and Design3 Credits

Introduction of distributed system architecture, data transmission, protocol levels, types of network layers, terminal based networks, modems, and multiplexers. A unique feature of this course is that students set up a LAN using Solaris, Novell and Windows NT. The course provides hands-on experience for students.

Prerequisite: CSCI 1302

CSCI 3414 Software Engineering3 Credits

A course designed to introduce basic principles of software engineering, the process of producing a software product, project planning, development, and management. Each student is expected to walk through the complete process by implementing a software project.

Prerequisite: CSCI 3000

CSCI 3910 Internship in Computer ScienceVARIES

Work and study experience in various areas of computer science.

Prerequisite: CSCI 3000

CSCI 3920 Internship in Computer ScienceVARIES

Work and study experience in various areas of computer science.

Prerequisite: CSCI 3000

CSCI 3930 Internship in Computer ScienceVARIES

Work and study experiences in various areas of computer science.

Prerequisite: CSCI 3000

CSCI 4110 Operating Systems3 Credits

Study of process control, CPU scheduling, primary memory management, and secondary memory management.

Prerequisite: CSCI 3000

CSCI 4210 Data Base Management3 Credits

Introduction to database application design. Topics include problem analysis, various data models, implementation, using Microsoft access, forms, reports, SQL, and database programming.

Prerequisite: CSCI 3000

CSCI 4310 Compiler Construction3 Credits

Introduction to compiling process, language elements, finite automata, grammar, parsing methods, top-down parsing, bottom-up parsing, and code generation.

Prerequisite: CSCI 3000

CSCI 4510 Artificial Intelligence3 Credits

Introduction of basic concepts in artificial intelligence. Topics include optimal search, learning algorithms, various neural network architecture and various software.

Prerequisite: CSCI 3000

CSCI 4801 Project Design1 Credit

A course requiring students to read technical papers, implement a software project, and write a report of the research project.

Prerequisite: CSCI 3000

CSCI 4810 Research Project3 Credits

A course requiring students to read technical papers, implement a software project, and write a report of the research project.

Prerequisite: CSCI 3000 Data Structure

MATHEMATICS COURSES

MATH 1101 Mathematical Modeling3 Credits

An alternative to college algebra, designed for students who will not take trigonometry/precalculus or continue in the calculus sequence for mathematics and science majors. This course is applications-driven by introducing functions using real world phenomena as models. The ability to communicate quantitative concepts and critical thinking will be developed. Appropriate technology is used to solve problems and to judge the reasonableness of results.

MATH 1111 College Algebra3 Credits

A course presenting topics in algebra in a manner that will prepare students to study trigonometry and to manage their present and future daily mathematical needs. Topics included are the real number system, functions and polynomials, inequalities (first and second degree), systems of equations, and operations with exponential numbers (including radicals).

MATH 1113 Precalculus3 Credits

A course designed to prepare students for a successful study of calculus. Topics include functions and their graphs, inverse functions, exponential and logarithmic functions, trigonometric functions and their inverses, analytic trigonometry, application of trigonometric functions, fundamentals of analytic geometry, and polar coordinates.

Prerequisite: MATH 1111 or a minimum score of 475 on the SAT-MAT

MATH 2101 Calculus I4 Credits

An integrated approach to differential calculus and an introduction to integral calculus. Topics include functions, graphs, the derivative, applications of the derivative, maxima and minima, velocity and acceleration, rates of change, antidifferentiation, the fundamental theorem of calculus, and basic integration techniques.

Prerequisite: MATH 1113

MATH 2111 Calculus II4 Credits

A continuation of MATH 2101. Topics include logarithmic, exponential, and other transcendental functions, applications of integration, integration techniques. L'Hopital's rule, improper integrals, and infinite series.

Prerequisite: MATH 2101

MATH 2121 Calculus III4 Credits

A continuation of MATH 2111. Topics include plane curves, parametric equations, polar coordinates, vectors and geometry of space, vector-valued functions, functions of several variables, partial derivatives, and multiple integrals.

Prerequisite: MATH 2111

MATH 2201 Introduction to Probability and Statistics4 Credits

Topics include mean, median, range, variance and standard deviation of raw and grouped data, probabilities, correlation, the normal distribution, the t-distribution, statistical inference, including the pooled t-test, the analysis of variance, chi-square test, and regression analysis.

Prerequisite: MATH 1111

MATH 2301 Introduction to Discrete Math3 Credits
The study of the logical and algebraic relationships between discrete objects. The roots of discrete math lie deep in set theory, directed graphs and relations, functions, combinatorics, logic, Boolean algebra, graph theory, and recurrence relations.
Prerequisite: MATH 1113 (MATH 2101 is recommended also)

MATH 3101 Linear Algebra3 Credits
Topics include matrix algebra, solutions of linear systems, vectors and vector spaces, linear independence, spanning sets, bases, ranks, determinants, matrix inversion, linear transformations, null space, range, and eigenvalues.
Prerequisite: MATH 2111

MATH 3201 Probability and Statistics I3 Credits
Topics include sample spaces, elementary theorems of probability, permutations and combinations, random variables, discrete and continuous distributions and density functions, mathematical expectation, and moment generating functions of probability distributions.
Prerequisite: MATH 2111

MATH 3211 Foundations of Higher Mathematics3 Credits
Topics include sets, propositional calculus, truth tables, predicate calculus, universal and existential quantifiers, proofs about sets, basic methods of proof, mathematical induction, relations and functions, and cardinality.
Prerequisite: MATH 2121

MATH 3301 Differential Equations3 Credits
Topics include differential equations of the first order and first degree, linear equations, variation of parameters, method of undetermined coefficients, inverse operators, Laplace transforms, systems of differential equations, and applications.
Prerequisite: MATH 2111

MATH 3401 Modern Geometry3 Credits
A course designed to give a modern view of geometry, including advanced treatment of standard topics in Euclidean geometry, as well as the study of non-Euclidean systems.
Prerequisite: MATH 2111

MATH 3501 Numerical Analysis3 Credits
Topics include solving of linear equations, Gauss-Seidel and Jacobi methods, error analysis, approximating functions by infinite series, iteration techniques, techniques of integration, to include trapezoidal and Simpson's rules.
Prerequisites: MATH 2111 and CSCI 1302

MATH 4101 Abstract Algebra I3 Credits
An introduction to groups, subgroups, homomorphisms, isomorphisms, cyclic groups, permutation groups, direct products, Abelian groups, and Sylow's theorem.
Prerequisite: MATH 3211

MATH 4111 Abstract Algebra II3 Credits
A course exploring the theory of rings, fields, integral domains, and vector spaces.
Prerequisite: MATH 4101

MATH 4201 Analysis I3 Credits
Topics include sets and functions, the real number system, elementary topology of the real line, limits of sequence, space of continuous functions, differentiation, and Riemann integration.
Prerequisites: MATH 2121, 3211

MATH 4211 Analysis II3 Credits

A course presenting further topics in integration, Stokes theorem, Gauss divergence theorem, infinite series, sequences and series of functions, functions of several variables, and basic measure theory.

Prerequisite: MATH 4201

MATH 4221 Complex Analysis3 Credits

Topics include complex numbers, elementary functions, analytic functions, complex integration, Laurant and Taylor series, residues, conformal mapping, and applications.

Prerequisite: MATH 2121

MATH 4311 Probability and Statistics II3 Credits

Topics include sampling theory, statistical inferences, estimation and tests of hypotheses, multivariate distribution, transformation of random variables, conditional and marginal distributions, and Bayesian estimation.

Prerequisites: MATH 2121, 3201

MATH 4401 Number Theory3 Credits

Topics include the theory of mathematical induction, divisibility theory in the integers, prime numbers and their distribution, the theory of congruences and modular arithmetic, Fermat's theorem, and number theoretic functions.

Prerequisite: MATH 3211

MATH 4411 Statistical Methods3 Credits

Topics include statistical concepts and methods basic to experimental research in natural and social sciences, methods of estimation and tests of hypotheses, categorical data analysis (only to two-dimensional contingency tables), introduction to analysis of variance, correlation, regression, and experimental design.

Prerequisite: MATH 3201

MATH 4421 Regression Analysis3 Credits

Topics include matrix algebra, simple linear regression, residual analysis techniques, multiple regression, nonlinear regression, dummy variables, and influence statistics.

Prerequisites: MATH 3101, 3201

MATH 4501 Introduction to Topology3 Credits

Topics include fundamental concepts of topology: set theory, the real number line, continuity, compactness, connectedness, separations axioms, the axioms of choice, and metric spaces.

Prerequisite: MATH 3211

MATH 4601 Mathematical Research1-3 Credits

A course designed for students who wish to participate in mathematics seminars and independent research. Credit varies from 1 to 3 hours.

Prerequisite: Junior or senior standing

MATH 4701 History of Mathematics3 Credits

The origin and development of mathematical ideas, beginning with geometry and algebra and continuing through selected topics in modern mathematics.

Prerequisite: MATH 2111

MATH 4901 Senior Seminar1-3 Credits

A course to develop students' use of mathematical skills and a chance to explore a mathematical concept indepth.

PHYSICAL SCIENCES COURSES

ENVR 3101K Environmental Radiation4 Credits

A study of radioisotopes and radiation energy in the environment. Topics to be discussed are atomic structure and nuclear radiation, radioactive decay, interaction of charged particles and electrons with matter, methods of radiation detection, radiation dosimetry and radiation protection. (3-2-4)

Prerequisites: PHYS 1111K, PHYS 1112K, and General Inorganic Chemistry

GEOL 1121K Physical Geology4 Credits

A course designed for students majoring in environmental science. The course is also useful for students majoring in civil engineering, marine science, and naval science who may take it as an elective. Topics include composition of the earth and its minerals, volcanoes, and earthquakes and their causes. (3-2-4)

Prerequisites: MATH 1111 and basic knowledge of chemistry and physics

PHSC 1011K Physical Science I4 Credits

A course examining scientific facts and scientific laws pertaining to the physical universe. (3-2-4)

PHSC 1012K Physical Science II4 Credits

A study of the earth in space, its form on the geographic grid, and map projections, atmosphere; oceans, ocean tides, and the eclipses; climate; soils and vegetation; temperature; latitude; heat budget of the earth. The earth's crust and its relief forms are discussed. (3-2-4)

PHYSICS COURSES

PHYS 1111K Introductory Physics I4 Credits

An introductory course which includes material from mechanics, thermodynamics, and waves. Elementary algebra and trigonometry are examined. (3-2-4)

Prerequisite: MATH 1113

PHYS 1112K Introductory Physics II4 Credits

An introductory course which includes material from electromagnetism, optics, and modern physics. Elementary algebra and trigonometry are examined. (3-2-4)

Prerequisite: PHYS 1111K

PHYS 2211K Principles of Physics I4 Credits

An introductory course which includes material from mechanics, thermodynamics, and waves. Elementary differential calculus is used. (3-2-4)

Prerequisite: MATH 2101

PHYS 2212K Principles of Physics II4 Credits

An introductory course which includes material from electromagnetism, optics, and modern physics. Elementary differential and integral calculus are examined. (3-2-4)

Prerequisite: PHYS 2211K

PHYS 3111 Heat and Thermodynamics3 Credits

Mathematical background and preparation, equations of state, ideal and real gases, kinetic theory of gases (temperature and temperature scales, heat capacity and calorimetry, work, Laws of Thermodynamics), the enthalpy function and thermochemistry, Joule-Thomas experiment, entropy functions, free energy, phase rule.

Prerequisite: PHYS 2211K

PHYS 3121 Optics3 Credits

Advanced topics in optics; a continuation of PHYS 2212K.

Prerequisite: PHYS 2212K

PHYS 3131 Magnetism and Electricity3 Credits

Advanced topics in electricity and magnetism; a continuation of PHYS 2212K.

Prerequisite: PHYS 2212K

PHYS 3211 Mathematical Physics3 Credits

A course designed to develop an understanding of the concrete relationship between mathematical factors that contribute to various physical phenomena; qualitative and quantitative relationships.

Prerequisites: MATH 2111 and PHYS 2212K

PHYS 4111 Modern Physics3 Credits

Recent advances in atomic and nuclear physics.

Prerequisites: MATH 2111/PHYS 2212K and at least one upper-level physics course

PHYS 4951 Introduction to Research in Physics2 Credits

An introduction to the techniques and procedures used in physics research problems. (1-2-2)

Prerequisites: Junior standing in mathematics and physics; the consent of the instructor; completion of at least one 3100 or 4100 level physics course

DEPARTMENT OF ENGINEERING TECHNOLOGY

The Department of Engineering Technology offers courses leading to the degree of Bachelor of Science, with majors in chemical engineering technology, civil engineering technology, electronics engineering technology, electronics engineering technology (computer option), and mechanical engineering technology. The civil, electronics, and mechanical engineering technology programs are accredited by the Technology Accreditation Commission of the Accreditation Board for Engineering and Technology (TAC of ABET). The Electronics Engineering Technology program is accredited by the National Association of Radio and Telecommunications Engineers, Inc. (NARTE), and the University is a certified NARTE Testing Center.

Engineering technology embraces the physical sciences, mathematics, and the practices and materials of modern industry which are utilized in the design and construction of the machines, structures, highways, power sources, process systems, communication systems, and products needed to maintain a highly technological society. The activities of engineering technology are concerned with translating the concepts and theories of professional engineers and scientists into actual devices and products by using tests to provide data for rational solutions and designs. These tests are followed by interpretations of data and preparation of appropriate plans for use by skilled craftsmen who produce the devices and/or products.

The objective of the engineering technology program is to prepare its students for successful careers as engineering technologists. This process requires the department to provide opportunities for students to acquire the essential educational experiences for applying scientific and engineering knowledge and methods coupled with technical skills in support of engineering activities.

REGISTRATION FOR PROFESSIONAL ENGINEER

To protect public safety, each state establishes laws to license engineers involved in projects affecting public health, safety and life. The registration process involves written examination, professional work experience and professional recommendations.

Although it is not the goal of Savannah State University to prepare an individual for professional engineering registration, it is possible for an engineering technology graduate of Savannah State University to become registered in Georgia and some other states. Students considering registration as a professional engineer should contact the Department of Engineering Technology for further information.

Engineering Technology graduates from TAC of ABET accredited programs are qualified for professional licensing by the National Institute for Certification in Engineering Technologies (NICET). Students interested in this certification may contact the department chair for more information.

TECHNICAL ORGANIZATIONS

Students are encouraged to join appropriate engineering societies to stimulate their interest in professional activities, to promote their pursuit for life-long learning, and to expose them to professional conduct and ethics. The department has, at present, the following student organizations:

Institute of Electrical and Electronic Engineers (IEEE)
American Society of Civil Engineers (ASCE)
American Society of Mechanical Engineers (AMSE)
National Society of Black Engineers (NBSE)

Cooperative Education Program

The Cooperative Education Program enables engineering technology students to gain work experience in industry as paid employees during their college tenure. The program is coordinated through the Office of Cooperative Education. The program is available to students who have acquired at least 30 semester hours, including at least five courses in the major; who are proficient in a computer language; who have a satisfactory academic record; and who meet the job specifications of the employer.

Students work in industry and attend college during alternate semesters or as arranged. To remain in the program, they must maintain creditable records at both places. Students must register for the appropriate cooperative education course each semester they are employed and must observe all applicable regulations of the cooperating company.

Students pursuing the coop program should expect their matriculation to extend beyond four years. The University does not guarantee the availability of coop stations, duties, or compensation. At the conclusion of the coop experience, students are not obligated to accept employment with the cooperating companies nor are the companies obligated to offer them employment.

Students interested in this program should consult with their advisors.

BACCALAUREATE DEGREE PROGRAMS

SPECIAL REQUIREMENTS FOR MAJORS

Students enrolled in the Department of Engineering Technology who earn less than a "C" in any English, mathematics, sciences or major course required in their curriculum must repeat the course during the next semester that it is offered. Major courses are those courses offered by the Department of Engineering Technology.

MAJOR COMPREHENSIVE EXAMINATION

To satisfy the institutional requirements for a comprehensive examination, all students in engineering technology are required to take an exit examination administered by the department.

CIVIL ENGINEERING TECHNOLOGY

*Accredited by the Technology Accreditation Commission of the
Accreditation Board for Engineering and Technology*

The curriculum in civil engineering technology is designed to provide ample instruction in those areas of knowledge required for successful performance in the following capacities as well as in other construction-related positions.

Architectural and structural draftsman and designer - plans, designs, and supervises construction of frame, steel, and concrete structures; makes architectural inspections and appraisals for architects and builders.

Highway engineering technologist - collects and tests soil samples, concrete and other materials to ascertain their physical characteristics for use in highway construction; establishes the location and measurements of points, elevations, lines, areas and contours of land needed for highway construction and prepares hard copy, draft or computer generated drawings of land.

Estimator - determines quantities and costs of materials and labor required to erect structures.

Materials tester - determines mechanical properties of materials used in the erection of structures and highways.

Surveyor - supervises, directs, and is responsible for the accuracy of the work of an engineering survey party engaged in determining the location and measurements of points, elevations, lines, areas, and contours on the earth's surface for purposes of securing data for building and highway construction, map-making, land valuation, mining, or other purposes.

Environmental technologist - Plans, designs, and monitors water, wastewater, and other environmental pollution control systems.

ELECTRONICS ENGINEERING TECHNOLOGY

*Accredited by the Technology Accreditation Commission of the
Accreditation Board for Engineering and Technology*

The electronics engineering technology curriculum provides instruction in the fundamentals of modern electronics theory, with emphasis on the application of theoretical principles to actual electronic devices, circuits, systems, design and fabrication. Graduates of the electronics engineering technology program are prepared to function effectively in several capabilities, including:

Research and development technologist - engages in the development, building and testing of new equipment in the areas of digital electronics, communication electronics and microelectronics.

Process control technologist - supervises the operation of automatic control equipment for industrial processes.

Field engineering specialist - installs, tests, and maintains equipment such as data processing machines and other electronic systems.

High frequency technologist - maintains and/or operates radar, sonar, and other warning detection and navigation devices.

MECHANICAL ENGINEERING TECHNOLOGY

*Accredited by the Technology Accreditation Commission of the
Accreditation Board for Engineering and Technology*

The mechanical engineering technology curriculum provides an opportunity for students to receive comprehensive engineering experience which will enable them to design machinery, test materials, and supervise production and engineering projects. Graduates of the mechanical engineering technology program are qualified to assume the responsibilities of positions such as:

Machine designer - designs machines and instruments for industry.

Mechanical engineering technologist - works with mechanical engineers on design and production projects using CAD and CAM as techniques.

Quality control supervisor - supervises incoming materials and outgoing products as well as manages personnel to assure quality.

Project supervisor - manages technical personnel and materials to implement engineering projects.

Systems test technologist - participates in testing systems to determine if they meet design specifications.

CHEMICAL ENGINEERING TECHNOLOGY

The chemical engineering technology curriculum provides basic training in process stoichiometry and unit operations such as mass transfer, heat transfer, distillation/fractionation, and evaporation. Students receive laboratory training in the actual practice of operation, maintenance, repair, testing, and checkout of process equipment.

By relating engineering principles to the field of chemistry, the chemical engineering technology curriculum prepares students to assume engineering technologist duties in chemical process industries, the petroleum industry, and the food industry. Graduates may also find employment in more specialized areas such as paper, metal processing, pharmaceutical, textiles, paints and coatings, adhesives, environmental engineering and waste management. Graduates of the program may be part of an engineering team involved with design, production, research and development, or other related areas with a possibility of assuming a supervisory position in production.

DUAL DEGREE PROGRAM

Savannah State University has entered into an agreement with Georgia Institute of Technology to offer a dual degree program whereby undergraduate students can attend this institution for approximately three academic years and then transfer to an engineering program at Georgia Institute of Technology. After completing the academic requirements of both institutions, students shall be awarded a baccalaureate degree from both institutions. This program is open to majors in chemistry, mathematics, computer science technology, and chemical, civil, electronics, and mechanical engineering technology.

Bachelor's degrees offered at Georgia Institute of Technology as a part of this program are in aerospace engineering, ceramic engineering, chemical engineering, civil

engineering, computer engineering, electrical engineering, engineering science and mechanics, industrial engineering, materials engineering, mechanical engineering, nuclear and radiological engineering, textile chemistry, textile engineering, and textiles.

Program of Study:

Students participating in the dual degree program shall complete the following at Savannah State University:

Approximately three-fourths of the number of hours required for the degree at Savannah State University.

All courses required for admission of engineering transfer students to Georgia Tech.

The equivalent mathematics and science courses included in the freshman and sophomore years of the engineering discipline in which the student intends to major at Georgia Tech.

ADMISSIONS REQUIREMENTS

To be admitted to Georgia Tech in the dual degree program, students must:

Complete the program of study as indicated above and obtain a positive recommendation from the dual degree coordinator.

Meet the minimum grade point average requirements for admission of transfer students to Georgia Tech (those in effect at the time the student matriculates at Savannah State University).

Submit application materials for evaluation by the Office of Undergraduate Admissions at Georgia Tech.

Be citizens or permanent residents of the United States.

**DEPARTMENT OF
ENGINEERING TECHNOLOGY**

Note: All programs in Engineering Technology require 128 semester hours (and five additional hours).

Core Curriculum (Areas A, B, C, D, E, and additional hours)	47 hours
Area F Courses Appropriate to the Program of Study	18 hours

One of the following:

PHYS 1111 or PHYS 1112 or	
CHEM 1211 and 1211L or CHEM 1212 and 1212L	4 hours
MATH 2101 Calculus I	4 hours
MATH 2111 Calculus II	4 hours
ENGT 2101 Computer Graphics	3 hours
ENGT 2111 CAD Applications	1 hour
ENGT 2201 Technical Writing	2 hours

**MAJOR IN ELECTRONICS ENGINEERING TECHNOLOGY
(COMPUTER OPTION)**

ELET 3101K Electrical Circuit I	3 hours
ELET 3111K Electrical Circuit II	3 hours
ELET 3201K Electronics I	3 hours
ELET 3211K Electronics II	3 hours
ELET 3301K Digital Systems I	3 hours
ELET 3311K Digital Systems II	3 hours
ELET 3401K Microcomputer Interfacing	3 hours
ELET 4611K Fiber Optics	3 hours
ELET 4201K VLSI Design	3 hours
CSCI 2231 UNIX	3 hours
ELET 3411K Microcontroller	3 hours
ELET 3501K Control Systems	3 hours
ELET 4601K Computer Aided Circuit Simulation	3 hours
ELET 4621K Digital Communications	3 hours
ELET 4101K Programmable Logic Controller	3 hours
ELET 4411K Computer Electronics	3 hours
MECT 3101 Engineering Materials	3 hours
ELET 3701K Data Acquisition System	2 hours
ENGT 3701 Engineering Economy	3 hours
ENGT 3301 Quality Control	3 hours
ENGT 3201 Applied Mathematics	1 hour
ENGT 3101 Statics	3 hours
CSCI Computer Science I	3 hours
Electives	2 hours
Total hours for Electronics Engineering Technology (Computer Option)	133 hours

MAJOR IN ELECTRONICS ENGINEERING TECHNOLOGY

ELET 3101K Electrical Circuit I	3 hours
ELET 3111K Electrical Circuit II	3 hours
ELET 3201K Electronics I	3 hours
ELET 3211K Electronics II	3 hours
ELET 3301K Digital Systems I	3 hours
ELET 3311K Digital Systems II	3 hours
ELET 3401K Microcomputer Interfacing	3 hours
ELET 3411K Microcontrollers	3 hours
ELET 3501K Control Systems	3 hours
ELET 3511K Electrical Machinery	3 hours
ELET 3521K Transmission Lines	3 hours
ELET 4101K Programmable Logic Controllers	3 hours
ELET 4201K VLSI Design	3 hours
ELET 4301K Communications	3 hours
ELET 4401K Industrial Electronics	3 hours
ELET 4411K Computer Electronics	3 hours
ELET 3701K Data Acquisition System	2 hours
MECT 3101K Engineering Materials	3 hours
ENGT 3201 Applied Mathematics	1 hour
ENGT 3301 Quality Control	3 hours
ENGT 3101 Statics	3 hours

ENGT 4601 Engineering Economy	3 hours
CSCI 1301 Computer Science I	3 hours
Technical Electives	2 hours
Total hours for Electronics Engineering Technology	133 hours

MAJOR IN CIVIL ENGINEERING TECHNOLOGY

ENGT 3101 Statics	3 hours
ENGT 3501 Dynamics	2 hours
ENGT 3601 Strength of Materials	3 hours
ENGT 3701 Engineering Economy	3 hours
ENGT 3201 Applied Mathematics for Engineering Technology	1 hour
ELET 3701K Data Acquisition System	2 hours
MECT 3101K Engineering Materials	3 hours
ELET 3101K Electrical Circuit I	3 hours
CSCI 1301 Computer Science I	3 hours
CIVT 3101K Surveying	5 hours
CIVT 3201K Civil Engineering Materials	2 hours
CIVT 3211 Construction Estimating and Management	3 hours
CIVT 3301K Hydraulics and Engineering Hydrology	4 hours
CIVT 3401K Highway and Transportation Engineering	4 hours
CIVT 3701 Structural Analysis	4 hours
CIVT 3601K Soil Mechanics and Foundation Design	5 hours
CIVT 4101K Structural Design I	3 hours
CIVT 4111K Structural Design II	3 hours
CIVT 4201K Environmental Engineering	4 hours
CIVT 4211 Environmental Pollution Control	3 hours
CIVT Urban Planning	2 hours
Technical Elective	3 hours
Total hours for Civil Engineering Technology	133 hours

MAJOR IN CHEMICAL ENGINEERING TECHNOLOGY

CHET 3201K Material/Energy Balance	4 hours
CHET 3221K Mass Transfer	3 hours
CHET 3301K Transport Phenomena	3 hours
CHET 4101 Chemical Reaction Engineering	3 hours
CHET 4201 Process Control	3 hours
CHET 4211 Process Design	3 hours
ELET 3701K Data Acquisition System	2 hours
CHET 3401 Instrumentation	2 hours
CSCI 1301 Computer Science I	3 hours
ENGT 3701 Engineering Economy	3 hours
MECT 3101K Engineering Materials	3 hours
ELET 3101K Electrical Circuit I	3 hours
ENGT 3101 Statics	3 hours
MECT 3301K Fluid Mechanics	3 hours
MECT 3411 Thermodynamics	3 hours
MECT 4301K Heat Transfer	3 hours
ENGT 3501 Dynamics	2 hours
ENGT 3601 Strength of Materials	3 hours
CHEM 1212 Principles of Chemistry II	3 hours

CHEM 1212L Principles of Chemistry II Laboratory	1 hour
CHEM 3501 Organic Chemistry I	3 hours
CHEM 3501L Organic Chemistry Laboratory	1 hour
CHEM 3401 Physical Chemistry I	3 hours
CHEM 3401L Physical Chemistry I Laboratory	1 hour
CHEM 3411 Physical Chemistry II	3 hours
CHEM 3411L Physical Chemistry II Laboratory	1 hour
Total hours for Civil Engineering Technology	133 hours

MAJOR IN MECHANICAL ENGINEERING TECHNOLOGY

MECT 3101K Engineering Materials	3 hours
MECT 3201K Manufacturing Processes	3 hours
MECT 3301K Fluid Mechanics	3 hours
MECT 3401 Dynamics of Machinery	3 hours
MECT 3411 Thermodynamics	3 hours
MECT 4101 Machine Design I	3 hours
MECT 4111 Machine Design II	3 hours
MECT 4201K Robotic Applications	3 hours
MECT 4301K Heat Transfer	3 hours
MECT 4401K Applied Thermodynamics	3 hours
ENGT 3101 Statics	3 hours
ENGT 3501 Dynamics	2 hours
ENGT 3701 Engineering Economy	3 hours
ELET 3101K Electrical Circuits I	3 hours
ENGT 3601 Strength of Materials	3 hours
ENGT 3301 Quality Control	3 hours
ENGT 3201 Applied Mathematics for Engineering Technology	1 hour
CSCI 1301 Computer Science I	3 hours
ELET 3301K Digital Systems I	3 hours
ELET 3401K Microcomputer Interfacing	3 hours
ELET 3701K Data Acquisition System	2 hours
MECT 4701K Heating, Ventilation and Air Conditioning (New)	5 hours
Technical Elective	4 hours
Total hours for Mechanical Engineering Technology	133 hours

MINORS IN ENGINEERING TECHNOLOGY

MINOR IN CONSTRUCTION

(Not available to CIVT students)	17 hours
CIVT 3101 Surveying	5 hours
MECT 3101 Engineering Materials	3 hours
CIVT 3201 Civil Engineering Materials	2 hours
CIVT 3211 Construction Estimating and Management	3 hours
CIVT 3401 Highway & Transportation Engineering	4 hours

MINOR IN CHEMICAL (Not available to CHET students) ...	16 hours
CHEM 1212 and 1212L Principles of Chemistry II	4 hours
CHET 3201 Material/Energy Balance	4 hours

CHET 3221 Mass Transfer	3 hours
CHET 3301 Transport Phenomena	3 hours
CHET 3401 Instrumentation	2 hours
MINOR IN GENERAL TECHNOLOGY (Not available to CIVT, MECT, ELET, or CHET students)	17 hours
ENG 2101 Computer Graphics	3 hours
ENG 2111 CAD Applications	1 hour
MECT 3101 Engineering Materials	3 hours
ENG 3101 Statics	3 hours
ELET 3101 Electrical Circuit I	3 hours
ENG 3501 Dynamics	2 hours
ENG 2201 Technical Writing	2 hours
MINOR IN ELECTRONICS (Not available to ELET, MECT (computer emphasis), and Computer Science Technology majors)	18 hours
ELET 3101 Electrical Circuit I	3 hours
ELET 4201 VLSI Design	3 hours
ELET 4101 Programmable Logic Controllers	3 hours
ELET 3301 Digital System I	3 hours
ELET 3311 Digital System II	3 hours
ELET 3401 Microprocessor Interfacing	3 hours
MINOR IN MECHANICAL (Not available to MECT majors) ...	18 hours
MECT 3101 Engineering Material	3 hours
MECT 3201 Manufacturing Processes	3 hours
MECT 3301 Fluid Mechanics	3 hours
MECT 3411 Thermodynamics	3 hours
ENG 3101 Statics	3 hours
ENG 3601 Strength of Materials	3 hours
MINOR IN INDUSTRIAL TECHNOLOGY MANAGEMENT ...	17 hours
INTM 3101 Motion and Time Study	3 hours
INTM 3201 Cost Estimating	3 hours
INTM 3301 Production and Inventory Control	3 hours
ENG 2201 Technical Writing	2 hours
ENG 3701 Engineering Economy	3 hours
ENG 3301 Quality Control	3 hours

DESCRIPTION OF COURSES

ENGINEERING TECHNOLOGY COURSES

- ENG 2101K Computer Graphics3 Credits**
 An introduction to computer graphics hardware and software with emphasis on hands-on experience using one or more CAD systems. (1-4-3)
Prerequisite: MATH 1113
- ENG 2111K CAD Applications1 Credit**
 Covers architectural, chemical, civil, electronics and mechanical CAD applications. (0-2-1)
Prerequisite: ENG 2101K

ENGT 2201 Technical Writing 2 Credits

Covers fundamentals of writing technical reports and research papers; illustrating technical data; making oral presentations; and participating in group communications.

Prerequisite: ENGL 1102

ENGT 3101 Statics 3 Credits

A study of applied engineering mechanics of rigid bodies in equilibrium. Analysis of forces, reactions and moments in various force systems for both two and three dimensional systems. Determination of centroids of composite area and the moment of inertia will also be studied.

Prerequisites: MATH 2101; PHY 1111K

ENGT 3201 Applied Mathematics for Engineering Technology . . . 1 Credit

Application of mathematics in the practice of engineering. The course consists of selected topics in matrix algebra, vectors, calculus, and statistics with emphasis on their application in engineering technology disciplines.

Prerequisite: MATH 2111

ENGT 3301 Quality Control 3 Credits

A study of statistics, probability, control charts for variables and attributes, and acceptance sampling plans.

Prerequisite: ENGT 3201

ENGT 3501 Dynamics 2 Credits

The study of kinematics, the motion and movement of a body in terms of displacement, velocity acceleration and time; and kinetics, the relations between motion of a body and the forces that caused the motion. Topics include rectilinear motion as well as curvilinear motion.

Prerequisite: ENGT 3101

ENGT 3601 Strength of Materials 3 Credits

A comprehensive study of the concept of the stress-strain relationship and how this relates to the design of structural members. Emphasis will be on the stress distribution due to axial tension and compression, thermal, torsion, and transverse loading and their combinations. Course content will also include pure bending, transformations of stress, shear and bending moment diagrams, slope and deflection of beams by integration, and Euler's formula for columns.

Prerequisites: ENGT 3101; MATH 2111; MECT 3101K

ENGT 3701 Engineering Economy 3 Credits

A study of the fundamental concept and analytical tools of engineering economy. The elements of engineering decision making process, compound interest and equivalence are examined. This course also covers present worth, uniform annual cost, rate of return and depreciation method as well as income taxes to help make the correct engineering business decision.

Prerequisites: MATH 1113; Permission of the Instructor

CHEMICAL ENGINEERING TECHNOLOGY COURSES

CHET 3201 Material/Energy Balances 4 Credits

Quantity measurement of chemical engineering systems. A study of conservation equations, stoichiometry, equilibrium relations, and phase change analysis. Recycle and multiple bypass analysis will be presented.

Prerequisite: MATH 2101

- CHET 3221K Mass Transfer3 Credits**
Principles and designs of equilibrium stage operations. Distillation will be covered in detail for separation and purification of material. Humidification will also be presented. (2-2-3)
Prerequisite: CHET 3201
- CHET 3301K Transport Phenomena3 Credits**
Introduction to fundamentals of heat, mass and momentum transfer. Multiple effect evaporators will be studied in detail using the principles of transport phenomenon. Scrubbers and packed beds will also be addressed. (2-2-3)
Prerequisites: CHET 3201; CHEM 1211, 1211L
- CHET 3401 Instrumentation2 Credits**
Laboratory experiences in typical chemical engineering systems. Experiments are designed to integrate the subject matter from several subject areas.
Prerequisite: MATH 2101
- CHET 4101 Chemical Reaction Engineering3 Credits**
Design of chemical reactors using the principle of Chemical Equilibrium Relations and Kinetic principles. Chemical reactions in gases and liquids, homogeneous, and heterogeneous catalysis, catalyst effectiveness, and roll of transport in kinetics. Factors affecting chemical reaction rates.
Prerequisites: CHET 3301K; CHEM 3401, 3401L
- CHET 4211 Process Design3 Credits**
Implementation of transport phenomena, process operations, chemical thermodynamics, unit operations, process contractor design, and chemical engineering economics into a comprehensive chemical process plant design project.
Prerequisites: CHEM 3401, 3402, CHET 4201; ENGT 2111K
- CHET 4201 Process Control3 Credits**
Application and study of modern control theory to chemical engineering processes. Multivariable control, estimation adaptive control in optimal controls.
Prerequisites: PHY 1112K; ENGT 3701; MECT 3411

INDUSTRIAL TECHNOLOGY MANAGEMENT COURSES

- INTM 3101 Motion and Time Study3 Credits**
A comprehensive study of cost analysis, production and inventory control, balancing of production lines, incentive pay and motion studies. Topics include problem solving techniques, operation and process charts, motion economy, work measurement, and motivational concepts.
- INTM 3201 Cost Estimating3 Credits**
A study of preparing detailed cost estimates for new and existing products. The course content is divided into the following areas: labor costs, materials cost, accounting principles, forecasting, operation and product estimating, and engineering economics.
- INTM 3301 Production and Inventory Control3 Credits**
A study of selecting and installing a computerized inventory control system such as Material Requirements Planning (MRP). The following topics are included: forecasting, master production scheduling, material requirements planning, inventory management, production activity control, and critical path scheduling.

CIVIL ENGINEERING TECHNOLOGY COURSES

CIVT 3101K Surveying5 Credits

A comprehensive study of taping, leveling, angle, and direction measurements, theodolites, traverse measurements computation of coordinates, areas, and volumes; topographic surveying, contouring; techeometry, EDMs, and Total Stations route surveying; simple and transition horizontal and vertical curves; triangulation; introduction to aerial surveying and photogrammetric methods; introduction to GPS and GIS; use and care of instruments; computer applications. (3-4-5)

Prerequisites: ENGT 2101K; MATH 1113

CIVT 3201K Civil Engineering Materials2 Credits

A comprehensive study of the physical, mechanical, and other important properties of materials; fabrication of method of manufacturer; durability and long-term performance, specifications and standards; laboratory testing procedures; applications or methods of use of various civil construction materials which include aggregates, concrete, cementitious materials, masonry, wood, bituminous, iron, and steel. (1-2-2)

Prerequisite: MATH 1113

CIVT 3211 Construction Estimating and Management.3 Credits

Construction planning and management; contracting (types, methods, documents); specifications, mathematical techniques of construction cost estimating; preparation and submission of bid; construction scheduling (CPM); project administration (financial, personnel, claims and disputes, change orders, safety); computer applications.

Prerequisite: CIVT 3201K

CIVT 3301 Hydraulics and Engineering Hydrology4 Credits

Elements of fluid mechanics; pressure measurement; hydrostatics; forces on submerged plane and curved surfaces, buoyancy; fluids in motion; hydraulic and energy gradients; forces exerted by jets on flat plates and curved vanes; orifices, notches and weirs; flow in pipes; simple pipe networks; open channel flow; pumps. Hydrologic cycle; precipitation data analysis; hydraulics of groundwater flow; equilibrium and non-equilibrium conditions; groundwater exploration; surface runoff; hydrographs; reservoir storage; flood routing; hydrological forecasting; computer applications. (3-2-4)

Prerequisite: ENGT 3101

CIVT 3401K Highway & Transportation Engineering4 Credits

A study of several transportation modes. Emphasis will be placed on the linkage of these modes for the effective and economic movement of people, materials, and equipment. It will also include the fundamentals of highway design, layout, foundations, and pavements; grade intersections and separations; highway cross-sections, traffic and safety requirements. (3-2-4)

Prerequisites: CIVT 3101K, 3201K; MATH 2111; ENGT 2111K

CIVT 3601K Soil Mechanics & Foundation Design5 Credits

A study of engineering properties of soil as a construction material and foundations for buildings. Topics include the soil classifications, Atterberg limits, shear strength, consolidations and settlement. This knowledge is then applied to the design of various types of foundations such as spread footings, piles, earth retaining structures and substructure elements. (4-2-5)

Prerequisites: CIVT 3201K; ENGT 3601

CIVT 3701 Structural Analysis4 Credits

A comprehensive study of the behavior response of various structural forms that are employed, and an enumeration of the various loading conditions that a structure must support. Emphasis will be placed on the fundamentals and matrix method of

structural analysis of simple and complex structural systems including trusses, beams, frames, arches, cable structures, and influence lines. It will also cover an introduction to the theory of statically indeterminate structures.

Prerequisites: ENGT 3601; ENGT 3201

CIVT 4101K Structural Design I (Steel) 3 Credits

A study of structural design procedures of structural elements utilizing latest design methods according to building and design codes. Emphasis will be on the integration of designing steel structures from conception to working drawings. Course content includes identification and calculation of various loads, structural framing, designing of trusses, joists, beams, columns, and simple connections. (2-2-3)

Prerequisites: CIVT 3201K; 3701K; ENGT 2111K

CIVT 4111K Structural Design II (Reinforced Concrete) 3 Credits

A study of the fundamentals of reinforced concrete design. Emphasis will be on the principles and practices involved in the structural components and the design of reinforced concrete utilizing latest design methods in accordance with the ACI-codes. Course content includes designing of rectangular and T beams, one-way slabs, columns, footings, and retaining walls. (2-2-3)

Prerequisites: CIVT 3201K; 3701K; ENGT 2111K

CIVT 4201K Environmental Engineering 4 Credits

Basic concepts of environmental interrelationships; principles of environmental chemistry, microbiology, ecology and health; water quality parameters; water treatment processes; wastewater treatment processes; sludge treatment and disposal; industrial waste waters; design of water, wastewater and sludge treatment units; water distribution and wastewater collection systems; design principles; and computer applications. (3-2-4)

Prerequisites: CHEM 1211, 1211L; CIVT 3301K

CIVT 4211 Environmental Pollution Control 3 Credits

Water pollution; point and diffuse sources; river pollution and oxygen sag curve analysis; groundwater pollution analysis; eutrophication of lakes; coastal pollution; solid wastes management (collection, storage and transport); processing and transformation; incineration, composting, sanitary land filling; recycling; hazardous waste management types; RCRA, CERCLA and others; treatment and disposal methods; air pollution (air pollutants and interaction products); and preventive and control measures.

Prerequisite: CIVT 4201K

CIVT 4301 Urban Planning 2 Credits

Historical development of urban centers and planning practices; theories, policies and quantitative techniques used; statistical methods; forecasting techniques; decision-making analysis; planning management; functional planning physical, land use, transportation, housing and real estate; historical preservation; environmental planning and monitoring, computer applications.

Prerequisites: CIVT 3211; 3401K; 4201K

**ELECTRONICS ENGINEERING
TECHNOLOGY COURSES**

ELET 3101K Electric Circuit I 3 Credits

The concept of current, voltage, power, and resistance. The course deals with units, basic electrical laws, series and parallel circuits, network theorems, and instruments. AC sources, capacitance, inductance, and magnetism are introduced.

Circuits are analyzed using PSPICE Laboratory work parallels class work and includes the use of various AC and DC instruments. (2-2-3)

Prerequisites: PHYS 1112; MATH 1113

ELET 3111K Electric Circuit II3 Credits

The second part of the electric circuit sequence. The course deals with impedance and admittance in sinusoidal circuits. Resonant circuits, three-phase circuits, harmonics and transformer theory are also studied. Circuits are analyzed using PSPICE. Laboratory work parallels class work. (2-2-3)

Prerequisite: ELET 3101K

ELET 3201K Electronics I3 Credits

A study of discrete electronic devices. Semiconductor diodes, BJTs and FETs are studied with emphasis on characteristic curves. BJT and FET amplifiers are studied indepth and various configurations of small and large signal amplifiers are studied. Circuits are analyzed using PSPICE. Laboratory work parallels class work. (2-2-3)

Prerequisites: ELET 3101K; **Corequisite:** ELET 3111K

ELET 3211K Electronics II3 Credits

A study of the characteristics, performance, and application of the most common linear integrated circuits. The emphasis of this course is on operational amplifiers, comparators, multipliers, oscillators, voltage regulation, oscillators, phase-locked loops and data converters. Applications will illustrate use, and laboratory exercises will enhance learning. (2-2-3)

Prerequisite: ELET 3201K

ELET 3301K Digital Systems I3 Credits

A comprehensive study of binary and hexadecimal numbers, Boolean algebra, truth tables, Karnaugh maps, and combination logic using basic gates. Flip-flops, counters, registers, encoders, and decoders are also presented. Circuit simulation software is used in both classroom and laboratory work. (2-2-3)

Prerequisite: ELET 3101K

ELET 3311K Digital Systems II3 Credits

A thorough study of sequential design. Techniques and issues relevant to design will be covered indepth and project work will emphasize the use of LSI, MSI, and SSI circuits in the application and design of complex digital systems. Analog-to-digital converters (ADC), digital-to-analog converters (DAC), programmable logic devices (PLDs), and introduction to microprocessors are also studied. Circuit simulation software used in both classroom and laboratory. (2-2-3)

Prerequisite: ELET 3301K

ELET 3401K Microcomputer Interfacing3 Credits

A study of microprocessors and microcomputer systems. Related hardware and software issues of X86 will be covered. The course also covers memory systems, input/output devices and interfacing mechanisms. Classroom instruction is enhanced by laboratory work. (2-2-3)

Prerequisite: ELET 3301K

ELET 3411K Microcontrollers3 Credits

A comprehensive study of micro controller hardware and software. System architecture includes the CPU, timer, serial, and parallel I/O ports, RAM and ROM. The software portion of the course covers assembly language. Classroom instruction will be enhanced by laboratory work. (2-2-3)

Prerequisite: ELET 3401K

ELET 3501K Control Systems3 Credits

Analysis and design of linear feedback control systems are studied. Nyquist's and Routh's stability criteria, Bode plots, transient behavior, static error coefficients, and the steady-state behavior of various system types are presented. The root-locus method and block diagram representation and simplification are also included. Classroom instruction will be enhanced by laboratory work. (2-2-3)

Prerequisites: ELET 3111K; MATH 2111

ELET 3511K Electrical Machinery3 Credits

An introductory course in the characteristics and application of basic electric machinery. Three phase distribution systems, transformers, DC generators, AC generators, DC motors, and AC motors are studied. Laboratory work parallels classroom instruction. (2-2-3)

Prerequisite: ELET 3111K

ELET 3521K Transmission Lines3 Credits

The physical and electrical characteristics of standard transmission lines, along with the analysis of lossless and loss lines, reflection coefficients, unmatched loads, and VSWRs. Problem-solving techniques are emphasized using Smith Charts. Laboratory work parallels classroom instruction. (2-2-3)

Prerequisite: ELET 3111K

ELET 3701K Data Acquisition System2 Credits

An introduction to the techniques for interfacing the basic measurement and instrumentation circuitry and systems to monitor physical characteristics such as temperature, pressure, strain, and distance by using data acquisition system. Typical instrumentation and measuring problems will be solved in the laboratory. (1-2-2)

Prerequisite: ELET 3101K

ELET 4101K Programmable Logic Controllers3 Credits

PLC, ladder logic, programming, installation, and troubleshooting of PLC systems. Sensors and their wiring, I/O modules and wiring, and fundamentals of plant communications are studied. Laboratory work parallels classroom instruction. (2-2-3)

Prerequisite: ELET 3301K

ELET 4201K VLSI Design3 Credits

A comprehensive study of fundamentals of very large scale integration (VLSI) circuit technology, design, layout and testing. The advantages of using VLSI in the manufacturing of custom cells, standard cells, and gate array are examined. Analysis of design strategies, functional sub-systems, and blocks such as memory, programmable logic arrays. Fabrication techniques, layout, and design rules are studied. Circuit simulation software is used in both classroom and laboratory work. (2-2-3)

Prerequisite: ELET 3311K

ELET 4301K Communications3 Credits

A study of communications systems, including time and frequency multiplexing. Theory and circuits for signal sampling, amplitude modulation, frequency modulation, phase modulation and various kinds of pulse modulation are treated. Recent developments and practices in digital communication systems are presented. Laboratory work parallels classroom instruction. (2-2-3)

Prerequisite: ELET 3211K

ELET 4401K Industrial Electronics3 Credits

A study of the necessary background for understanding the concept and utilization of various electronics devices, circuits and systems which are essential in industrial control and automation. Recent development and practices in industry are presented.

Students apply the knowledge from Electronics II and Digital Systems II to develop application-oriented systems. (2-2-3)

Prerequisites: ELET 4411K; 3701K

ELET 4411K Computer Electronics3 Credits
A study of the theory of operations of the various electronic devices and components of the microcomputer. The installation, maintenance, and troubleshooting of microcomputer peripheral is also studied. Laboratory work parallels classroom instruction. (2-2-3)

Prerequisite: ELET 3301K

ELET 4901K Senior Project1 Credit
The selection of an appropriate engineering project for design and development. The majority of work is spent in the laboratory researching, designing, prototyping, debugging, and fabricating the project. Engineering note book is required. Course requirements include oral and written reports on the project. (0-2-1)

Prerequisite: Permission of the instructor

ELET 4601K Computer Aided Circuit Simulation3 Credits
A hands-on approach to circuit simulation and analysis of electronic networks. Simulation of analog and digital Ics is introduced. The lectures and laboratory experiments will be based on PSPICE and Electronics Workbench application program. (2-2-3)

Prerequisites: ELET 3201K; 3301K

ELET 4611K Fiber Optics3 Credits
A study of the basic understanding of optics systems, fiber optics, types, and characteristics related to computer communication. Additional coverage includes fiber optic couplers, multiplexes, demultiplexes, and distribution system. Laboratory work parallels classroom instruction. (2-2-3)

Prerequisite: CSCI 3385

ELET 4621K Digital Communications3 Credits
Sampling, coding, decoding, and digital multiplexing. The course will also cover the networking essential concepts, with emphasis on Microsoft Networking system. (2-2-3)

Prerequisite: ELET 3311K

**MECHANICAL ENGINEERING
TECHNOLOGY COURSES**

MECT 3101K Engineering Materials3 Credits
An overview of structures, properties, and applications of metals, polymers, ceramics, and composites commonly used in industry. Problem-solving skills are developed in the areas of materials selection, evaluation, measurement, and testing. (2-2-3)

Prerequisites: CHEM 1211, 1211L

MECT 3201K Manufacturing Processes3 Credits
A survey of the manufacturing processes and tools commonly used to convert raw materials into finished products. The course includes basic casting and forming process; the basic mechanisms of material removal; measurement; assembly processes. (2-2-3)

Prerequisite: MECT 3101K

MECT 3301K Fluid Mechanics3 Credits
A study of hydrostatics, viscosity, dimensional constraints and the fluid flow in pipes. (2-2-3)

Prerequisite: ENGT 3101

MECT 3401 Dynamics of Machines3 Credits

The analysis of motion, velocity, acceleration, and forces in mechanisms and machines. Emphasis is placed on analytical methods suitable for computerized analysis as well as graphical methods for visualization and preliminary design studies.

Prerequisite: ENGT 3501

MECT 3411 Thermodynamics3 Credits

The fundamentals of thermodynamics. Use of gas tables is introduced. Property relations for ideal gasses and incompressible liquid are introduced. Application of first and second laws to closed and open systems is studied. Heat engines, refrigerators, heat pumps, availability, and irreversibility are studied.

Prerequisite: PHYS 1111K

MECT 4101 Machine Design I3 Credits

The design of machines and machine elements. The course focuses on power transmission in machines, including gears, belts, pulleys, bearings, lubrication, clutches, brakes, chains, power screws, and gear trains. Stress calculations and material selections are discussed.

Prerequisites: MECT 3101K; ENGT 2111K, 3601

MECT 4111 Machine Design II3 Credits

Further topics on the design of machine elements of structural integrity, reliability, and economy. Applications of advanced topics in strength of materials to machine design. The course includes a major design project.

Prerequisites: MECT 3401, 4101

MECT 4201K Robotic Applications3 Credits

A study of robotic applications in industry. This course is designed to provide students with practical experience on a IBM industrial robot and with its work cells. (1-4-3)

Prerequisites: MECT 3201K; CSCI 1301

MECT 4301K Heat Transfer3 Credits

An introduction to heat conduction, convection, and radiation and its applications to engines, heat exchanges, air conditioning, and refrigeration systems. (2-2-3)

Prerequisites: MECT 3301K, 3411

MECT 4401K Applied Thermodynamics3 Credits

Continuation of MECT 3411 with emphasis on applications. Combustion, internal and external combustion cycles, gas turbines, compressors, refrigeration and air conditioning processes are studied. (2-2-3)

Prerequisite: MECT 3411

MECT 4701K Heating, Ventilating and Air Conditioning5 Credits

The application of the principles of MECT 3301K, MECT 3411, and MECT 4301K to the design and analysis of commercial and residential climate control systems. (3-4-5)

Prerequisite: MECT 4301K

DEPARTMENT OF MILITARY SCIENCE (ARMY ROTC)

GENERAL

The Reserve Officer Training Corps program is designed as a four-year course of study leading to a commission in the United States Army. In addition to a major, students must satisfy requirements in written communications skills, oral communications skills, military history, and computer literacy and complete the appropriate military science courses. Students interested in this program should consult with the professor of military science.

MILITARY SCIENCE COURSES

BASIC COURSE

MILS 1101 Introduction to Military Science and Skills Development	2 hours
MILS 1102 Basic Military Leadership	2 hours
MILS 2201 Basic Military Skills	2 hours
MILS 2202 Basic Military Tactics	2 hours
MILS 2250 Basic Field Internship	Varies-3
MILS 5000K Basic Leadership Lab	0 hours

Basic military science courses involve four (4) semesters during the freshman and sophomore years. Students learn leadership and management and acquire essential background knowledge of customs and traditions, weapons, map reading, tactics and survival. Equally important, these courses have the objective of developing the students' leadership, self-discipline, integrity and sense of responsibility. Those students who successfully complete the Basic Course, meet the Army physical standards, and demonstrate officer potential, will be considered for contracting and enrolling in the Advanced Course.

ADVANCED COURSE

MILS 3301 Advanced Tactics and Applied Leadership I	3 hours
MILS 3302 Advanced Tactics and Applied Leadership II	3 hours
MILS 3350 Advanced Military Skills Practicum (Advanced Camp)	Varies-3
MILS 4401 Military Leadership and Management Seminar	Varies-3
MILS 4402 Transition to Lieutenant	3 hours
MILS 6000K Advanced Leadership Lab	0 hours

Veterans who have at least two years of active duty service and who have completed 60 semester hours, and junior ROTC cadets who have completed 60 semester hours and 3 years of junior ROTC may receive placement credit and authorization to enroll in the advanced course when approved by the professor of military science (PMS). Also, qualities of positive potential for becoming an officer must be demonstrated. Leadership potential is emphasized as a very important single factor to be considered for enrollment and continuance in the program.

Advanced Military Science

The general objective of this course of instruction is to produce junior officers who, by education, training, attitude and inherent qualities, are suitable for continued development as officers in the Army. There are two avenues available for the student to be eligible for entry into the advanced program and obtain a commission as a second lieutenant:

- (a) Satisfactory completion of, or placement credit for, the basic program basic ROTC and meeting the entrance and retention requirements established by the Army.
- (b) To be an honorably discharged active duty veteran or junior ROTC cadet graduate eligible for placement credit.

Placement

Veterans entering the military science programs will receive appropriate placement credit for their active military service. Students who have completed military science courses in military preparatory schools or junior colleges may be given appropriate credit. Students with at least three years of high school ROTC may also be granted placement credit. Placement credit for four (4) semesters of basic military science, or equivalent thereof, is a prerequisite to admission into the advanced program.

Alternate Programs for Admittance

Students who have two years of course work remaining, but who have not completed basic military science are eligible to be considered for selection into the advanced military science program. Those selected under the provisions of the two-year advanced program must satisfactorily complete a basic summer camp of six weeks duration prior to entering the advance program. Students attending the basic camp at Fort Knox, Kentucky, are paid active army rates and given a travel allowance from their home to camp and return. Attendance at basic camp is voluntary and incurs no military obligation until the student returns and decides to sign a contract to pursue a commission.

Advanced Summer Camp

Students that are contracted and in the advance course are required to attend advanced camp at Fort Lewis, Washington, normally between their junior and senior academic years. Students attending this camp are paid active army rates and given travel allowance from their home to camp and return.

Financial Assistance

All contracted advanced cadets are paid a subsistence allowance of \$150.00 per month and \$450.00 per year for books while enrolled in the advanced course.

Scholarship Program

Each year the U.S. Army awards two and three year on-campus scholarships to outstanding young men and women participating in the Army ROTC program who desire careers as commissioned officers in the U.S. Army. The Army pays tuition fees, books, and laboratory expenses incurred by these students. In addition, each student receives \$150.00 per month for the academic year. Individuals desiring to compete for these scholarships should apply at the Department of Military Science.

Army ROTC Uniforms, Books and Supplies

Students enrolling in the Army ROTC program will be issued U.S. Army uniforms, books, and supplies by the Department of Military Science. No fees or

deposits of any kind will be required. Uniforms must be returned before commissioning or upon disenrollment from the ROTC program.

MIL Courses

The basic course of four (4) semesters consists of one hour of lecture with one hour of leadership lab per week for freshmen and two hours of lecture and one hour of leadership lab per week for sophomores. In the classroom, students acquire knowledge of military leadership, weapons, tactics, basic military skills, and physical fitness. In field training exercises, potential for leadership is progressively developed.

The advanced course consists of three hours of classroom work and one hour of leadership laboratory per week. During the second semester prior to advanced camp, students enroll in MILS 3302 to prepare for attendance at advanced camp. History 2361 (American Military History) is normally taken the second semester of the senior year. The course work during the advanced course emphasizes techniques of management and leadership and the fundamentals and dynamics of the military team. Field training exercises provide students with applied leadership experiences.

Professional Military Education (PME) Requirements

The Army's Professional Military Education requirements are established to provide cadets with the training and enrichment necessary to successfully compete in the Army. In addition to completing a baccalaureate degree, the cadet must complete an undergraduate course from each of the five designated fields of study. The five PME designated fields of study are listed below and the courses that meet the cadet command PME requirements.

- A. Written Communication Skills: ENG 1101, 1102.
- B. Human Behavior: SOC 1101, PSY 1101, HIS 1101, 1102.
- C. Military History: HIS 2361.
- D. Math Reasoning: MAT 1101.
- E. Computer Literacy: CSC 1135, CLSM 2201.

Minor Concentration

The department offers a minor in military science. The program is designed to prepare students for commission in the United States Army. Whatever the major, a military science minor will strengthen students' management, leadership, and interpersonal communication skills. The minor requires fifteen credit hours with minimum grades of "C" in the following upper division military science courses: MILS 3301, 3302, 4401, and 4402, HIS 2361, and five additional credit hours of course work approved by the department chair. Students earning a minor in military science must be contracted. This contract will lead to being commissioned in the U.S. Army.

Physical Training

Physical Training (PT) is an important part of the Army ROTC program. Its purpose is to ensure each cadet is physically fit. The Army Physical Fitness Test (APFT) is used to determine the level of fitness by measuring cadets' endurance and stamina in three different events: push-ups, sit-ups, and a 2-mile run.

Basic course students who are freshmen are required to participate in one PT session per week. This session is part of their regular military science class and is normally held on Monday. Students who are sophomores are required to participate in physical training two times per week, normally on Mondays and Wednesdays.

Advanced course cadets are required to participate in PT as part of their regular military science class. PT is conducted 3 days a week for one hour on Mondays, Wednesdays, and Fridays. Six hours of PE credit are given to those cadets who successfully complete the Army ROTC advanced course (1 credit hour per course).

DESCRIPTION OF COURSES

MILITARY SCIENCE COURSES

- MILS 1101 Introduction to Military Science and Skills Development2 Credits**
Instruction providing a basic understanding of the U.S. military. The course includes the following subjects: the role of the U.S. Army in national defense, organization and branches of the U.S. Army, ROTC and its role, customs and traditions of the service, military writing, implementing a personal physical fitness program, role of the ARNG and USAR, and roles of the commissioned and noncommissioned officer. Skills development includes instruction and practical exercises in basic mountaineering skills as well as knot tying, belaying, and rappelling. This course is acceptable as a PE requirement. MILS 5000 should be taken concurrently. (1-1-2)
- MILS 1102 Basic Military Leadership2 Credits**
This course continues the development of critical military skills, leadership, and management techniques. It provides basic leadership techniques and principles, professional ethics, and senior subordinate relationships. One weekend field trip is required. (2-1-2)
- MILS 2201 Basic Military Skills2 Credits**
Introduction and practical exercises covering basic skills necessary as a future leader in the U.S. Army. The course includes the following subjects: land navigation and map reading, basic first aid, survival, and communications. (2-1-2)
- MILS 2202 Basic Military Tactic2 Credits**
Instruction introduces students to the fundamentals of Army leadership and management techniques. Focus is placed on the mission, organization, and composition of small unit teams; principles of offensive and defensive operations stressing fire-power, movement, and communications techniques, and introduction to troop leading procedures. (2-1-2)
- MILS 2250 Basic Field InternshipCredits varies**
An intense summer program conducted at Ft. Knox, Kentucky, for six weeks. Designed as an alternative method to meet the prerequisites of the advanced course for students who have no basic course military science instruction. (V-V-5)
- MILS 3301 Advanced Tactics and Applied Leadership I3 Credits**
Instruction on the principles of leadership and the leader's role in directing small units in a variety of tactical scenarios. Emphasis is placed on developing and executing orders, troop leading procedures, and squad tactical reaction procedures. Land navigation and communication subjects are also included in the course. (3-2-3)
Prerequisite: Completion of or placement credit for the Basic Course
- MILS 3302 Advanced Tactics and Applied Leadership II3 Credits**
Continued instruction on the principles of leadership and the leader's role in direction of small units in a tactical environment. Emphasis is placed on offensive and defensive tactics, patrolling techniques, and conducting after-action reviews.

Instruction in management and leadership techniques emphasizes Green Tab Leadership and leadership assessment. (3-2-3)

Prerequisite: MILS 3301

MILS 3350 Advanced Military Skills Practicum

(Advanced Camp)5 Credits

The study and practical application of military skills and leadership ability during a six-week encampment experience. Encampment and training are conducted at Ft. Bragg, N.C. Instruction and evaluation are done by U.S. Army ROTC Cadet Command. (V-V-5)

Prerequisites: MILS 3301 and MILS 3302

MILS 4401 Military Leadership and Management Seminar3 Credits

Instruction covers U.S. Army Command and Staff functions. Military and professional knowledge topics include writing in the Army style, oral communications, conducting briefings, preparing to conduct training, and evaluating training. (V-1-5)

Prerequisites: MILS 3301, MILS 3302, and MILS 3350

MILS 4402 Transition to Lieutenant3 Credits

Instruction prepares MS IV cadets in their transition from cadet/student to commissioned officer. The course also covers military law, the law of land warfare, and additional basic knowledge and individual needs to become a professional officer. (V-1-3)

Prerequisite: MILS 4401

DEPARTMENT OF NAVAL SCIENCE
(NAVAL ROTC)

GENERAL

The department offers a minor in Naval Science. The program is designed to prepare the student for a commission in the United States Navy and is required of those NROTC students who will obtain a commission. All course work must be completed with a minimum grade of "C."

NAVAL SCIENCE COURSES
PROGRAM OF STUDY

ALL MIDSHIPMEN:

NSCI 1001 Introduction to Naval Science	2 hours
NSCI 1002 Seapower and Maritime Affairs	3 hours
NSCI 1003 Sailing	3 hours
Business Management	3 hours
(Courses satisfying the Management requirement will be promulgated by the Professor of Naval Science.)	

Advanced Program - Navy:

NSCI 2001 Navigation I	3 hours
NSCI 2002 Navigation II	3 hours
NSCI 3001 Naval Ships Systems I	3 hours
NSCI 4001 Naval Ships Systems II	3 hours
NSCI 4003 Advanced Leadership and Management I	1 hour
NSCI 4004 Advanced Leadership and Management II	1 hour

Advanced Program - Marine Corps:

NSCI 3002 Evolution of Warfare	5 hours
NSCI 4002 Amphibious Warfare	5 hours
NSCI 4003 Advanced Leadership and Management I	1 hour
NSCI 4005 Advanced Leadership and Management III	1 hour

Additional and Substitute Requirements:

- NSCI 4050 Naval Drill (0-2-0) is required each academic term by all midshipmen.
- NSCI 1003 and 4050 satisfy the University's physical education requirement.

Navy Scholarship Midshipmen (additional requirements):

One year of calculus (completed prior to junior year)	6 hours
One year of calculus-based physics (completed prior to senior year)	6 hours
Computer science	3 hours
Military history and political science	3 hours
(Specific courses that satisfy the above requirement will be promulgated by the Professor of Naval Science.)	

Navy College Program Midshipmen (non-scholarship)

Navy College Program Midshipmen must complete one year of math, college algebra or higher, by the end of the junior year and one year of physical science by the end of the senior year as a prerequisite for commissioning. The physical science requirement can be met by completing a one year sequence, or two courses in any area of physical science. One mathematics course may be selected from computer science or statistics.

Marine Corps

All Marine Corps designated students shall take, during the junior or senior year, one course in military history and one in political science (6 hours total) from a list approved by the Professor of Naval Science.

NROTC Uniforms, Books, and Instructional Materials

NROTC uniforms, books and special instructional materials will be issued at no charge to naval scholarship and college program students. Uniforms must be returned upon disenrollment from the NROTC Program. Books and other instructional materials must be returned at the completion of each academic term.

Scholarship Programs Available

Scholarship programs are available that pay tuition, fees, books and laboratory expenses for highly motivated and qualified students. The programs can pay up to four years of expenses and includes a \$150 per month, tax free stipend. Additionally, the Professor of Naval Science has five scholarships to award to qualified high school graduates.

Financial Assistance

All midshipmen in the advanced NROTC Program (junior and senior years) are paid a \$150 per month, tax free stipend.

Summer Training Cruises

Scholarship midshipmen will go on summer training cruises during three of their summer inter-term periods. Other midshipmen will attend Summer Training Cruises based on their scholarship programs.

DESCRIPTION OF COURSES

NAVAL SCIENCE COURSES

NSCI 1001 Introduction to Naval Science 2 Credits
Introduction to the NROTC Program. The course covers mission, organization, regulations and broad warfare components of the naval service. Included is an overview of officer and enlisted rank and rating structure, training and education, promotion and advancement and retirement policies. This course also covers naval courtesies and customs, as well as, a study of the organization of the naval service. Students are familiarized with the major challenges facing today's naval officers, especially in leadership and human resource management.

NSCI 1002 Seapower and Maritime Affairs 3 Credits
A survey of American Naval and Maritime history from the American Revolution to the present with emphasis on major developments. Attention is focused on Mahan's geopolitical theory; economic and maritime forces; U.S. military and maritime strategies; and a comparative analysis of American and foreign maritime strategies.

NSCI 1003 Sailing3 Credits

A foundation course that provides students with fundamental knowledge and skills to be a competent crew member. The course covers the basic theory of sailing, nomenclature, seamanship, boat equipment and safety, and applicable inland waters navigation rules for sailing craft. Upon completion of this course, students will be Skipper “B” qualified. (Practical skills to be mastered consist of rigging and sailing from a pier; sailing to weather; sailing two figure eight courses with two tacks and two jibes; completing man overboard maneuver; a capsized; returning to dock and securing.) **(2-2-3) (PE Credit)**

Prerequisite: Permission of the instructor

NSCI 2001 Navigation I3 Credits

An indepth study of piloting and celestial navigation theory, principles, and procedure, as well as the rules of the nautical road, ship employment and relative motion analysis. Students learn piloting navigation: the use of charts, visual and electronic aids, and the theory and operation of compasses. Celestial navigation is covered indepth. Students develop practical skills in piloting, celestial navigation, and relative motion analysis. Other topics include tides, currents, effects of wind and weather; use of navigational instruments, ship employment, types and characteristics of electronic navigation systems, naval command and control, and afloat naval communications. **(2-2-3)**

NSCI 2002 Navigation II3 Credits

A continuation of NSCI 2001. An indepth study of piloting and celestial navigation theory, principles, and procedures, as well as the rules of the nautical road, ship employment, and relative motion analysis. Students learn piloting navigation: the use of charts, visual and electronic aids, and the theory and operation of compasses. Celestial navigation is covered indepth. Students develop practical skills in piloting, celestial navigation, and relative motion analysis. Other topics include tides, currents, effects of wind and weather, use of navigational instruments, ship employment, types and characteristics of electronic navigation systems, naval command and control, and afloat naval communications. **(2-2-3)**

NSCI 3001 Naval Ships Systems I (Engineering)3 Credits

A detailed study of ship characteristics and types, including ship design, hydrodynamic forces, stability, compartmentation, propulsion, electrical and auxiliary systems, interior communications, ship control, and damage control. Basic concepts of the theory and design of steam, gas turbine and nuclear propulsion, shipboard safety, and firefighting are also covered.

NSCI 3002 Evolution of Warfare5 Credits

The historic development of warfare from the dawn of recorded history to the present, focusing on the impact of major military theorists, strategists, tacticians, and technological developments. Students acquire a basic sense of strategy, development, and understanding of military alternatives, and become aware of the impact of historical precedent on military thought and actions.

Prerequisite: Permission of the instructor

NSCI 4001 Naval Ships Systems II (Weapons)3 Credits

The theory and employment of naval RADAR, SONAR, and weapons systems. Students explore the processes of detection, evaluation, threat analysis, weapon selection, delivery, guidance, and naval ordnance. Fire control systems, major weapons types, and military platforms are discussed. The concept of command-control-communications and intelligence is explored as a means of weapons systems integration as are space and electronic warfare.

NSCI 4002 Amphibious Warfare 5 Credits

A historical survey of the development of amphibious doctrine and the conduct of amphibious operations. Emphasis is placed on the evolution of amphibious warfare in the 20th century, especially, during World War II. Present day, potential, amphibious operations and their limitations, including the rapid deployment force concept, are discussed.

Prerequisite: Permission of the instructor

NSCI 4003 Advanced Leadership and Management I 1 Credit

A study of leadership responsibilities of a junior naval officer. This course is intended to help students develop leadership abilities that they can use in an ethical manner. Items of study include case studies in leadership and the ethical use of power and authority; military justice; directives and correspondence; naval personnel administration; material management and maintenance; and the navy supply system. Students prepare for the personnel and professional responsibilities of a junior officer.

Prerequisite: Promulgated by the Professor of Naval Science

NSCI 4004 Advanced Leadership and Management II 1 Credit

A study of leadership responsibilities of a junior naval officer. This course is intended to help students develop leadership abilities that they can use in an ethical manner. Items of study include case studies in leadership and ethical use of power and authority; military justice; directives and correspondence; naval personnel administration; material management and maintenance; and the navy supply system. Students prepare for the personnel and professional responsibilities of a junior officer.

Prerequisite: Promulgated by the Professor of Naval Science

NSCI 4005 Advanced Leadership and Management III 1 Credit

Personnel administration for the U.S. Marine Corps junior Officer. Topics covered include directives and correspondence; Marine Corps personnel administration; material management and maintenance; and the Marine Corps supply system. Students prepare for the personnel and professional responsibilities of a junior Marine Corps leader.

Prerequisite: NSCI 4003

NSCI 4050 Naval Drill 0 Credit

Introduction to basic military formations, movements, commands, courtesies, and honors, and practice in unit leadership and management. Physical conditioning and training are provided to ensure students meet Navy/Marine Corps physical fitness standards. Successful completion of two semesters by NROTC students satisfies the University's Physical Education requirement. (NSCI 4050 is required each semester for all NROTC students.) (0-2-0)

DIVISION OF LEARNING SUPPORT

LEARNING SUPPORT PROGRAM

The philosophy of the Learning Support Program is that, although there are slow learners and fast learners, when provided with favorable learning conditions, most students can successfully adapt to the academic challenges of the college classroom. The Program supports and is committed to the contention that “high risk” students possess strengths that should be developed and weaknesses that can be remediated. In order to facilitate the growth and development, each of the three components of Savannah State’s Learning Support Program has created objectives designed to promote the overall mission of the Program and the University. They are to strengthen the reading skills, the mathematical skills, and the oral and written communicative skills of limited admitted students. These objectives are based on the desire of Learning Support faculty and staff to support students’ pursuit of academic excellence and life survival skills.

The Learning Support Program is designed for entering students who have demonstrated marked deficiencies in English, reading, and mathematics as indicated by their performance on the University’s placement examinations. Students whose verbal score is less than 430 on the SAT (or 18 on the ACT) have to sit for subject tests in English and reading of the Collegiate Placement Examination (CPE) or the Computer Adaptive Placement Assessment and Support System (COMPASS) and the Writing Assessment. Students whose math score is less than 400 on the SAT (or 16 on the ACT) have to sit for the mathematics test of the Collegiate Placement Examination (CPE) or COMPASS.

Learning Support students are students whose scores on either portion of the CPE, COMPASS, or Writing Assessment does not satisfy placement requirements for exemption from the Learning Support Program. Such students must take appropriate corresponding Learning Support courses (courses numbered 0099).

All Learning Support students are assigned to and advised by a faculty member in the Division of Learning Support until they exit all Learning Support courses. When students exit all Learning Support courses, a change of advisor form is initiated by the Division of Learning Support advisor. Students take this form to the dean of the college in which they plan to pursue a major.

Students shall have three semesters or three attempts per area to remediate deficiencies, provided that they consistently demonstrate satisfactory academic progress. Students whose academic standing is less than that which is accepted by the University are subject to academic suspension even though they may not have exhausted all three attempts. Learning support students who are also enrolled in credit courses are governed by both the University’s policy on academic standing (see “Academic Probation and Suspension”) and the Learning Support policy on satisfactory progress (See Advisement Manual in the Office of the Division of Learning Support for more details). In Learning Support, satisfactory student progress in a course is denoted at the end of each semester (1) by students’ exiting the course or (2) by their maintaining at least a “C” class average to qualify to sit for the posttest. Failure to qualify to sit for the posttest denotes unsatisfactory progress. Students enrolled in one or two Learning Support courses must demonstrate satisfactory progress in each Learning Support course to be in good academic standing. Students enrolled in all three Learning support courses must demonstrate satisfactory progress in at least two of those courses to be in good academic standing. All

Learning Support students (regardless of the status of their progress) in good academic standing who fail to exit any one or more courses within the time allotted shall be suspended for three years from Savannah State University and any other unit of the University System of Georgia. However, students may appeal a suspension to the Director of the Division of Learning Support, provided they have only one Learning Support area to complete, have a class average of at least 80 or above, and obtain a letter of recommendation from their most recent instructor of the course that they need to complete. If their appeal is granted, students may enroll in the remaining Learning Support course only. Students who fail to pass the course after the appeal will be suspended for three years. (For more information on the appeal process, see the Advisement Manual in the Office of the Division of Learning Support.)

After a three-year suspension, students may reapply for admission, subject to meeting the institution's requirements for readmission (see "Readmission to Savannah State University" under "Special Students"). Readmitted students are eligible for a second chance to take the placement CPE/COMPASS and writing sample.

Students may not accumulate more than 20 hours of degree credit before completing Learning Support requirements. Students who do accumulate 20 credit hours or more and who have not successfully completed the required Learning Support courses may enroll only in Learning Support courses until the Learning Support requirements are successfully completed.

No degree credit will be awarded for Learning Support course work. Institutional credit only will be awarded.

Exit Requirements

Learning support students who maintain a "C" average or better throughout the semester are eligible to sit for the exit examination(s). To exit mathematics, students must earn a scaled score of 77 or above on the post-CPE or the equivalent score of 32 or above on the post-COMPASS. To exit reading, students must earn a scaled score of 77 or above on the post-CPE or an equivalent score of 78 or above on the post-COMPASS. To exit English, students must pass the Writing Assessment as well as earn a scaled score of 77 or above on the post-CPE or the equivalent score of 71 or above on the post-COMPASS. No passing score on either part of the English Placement examination will be banked at placement as a part of the posttest(s). Furthermore, neither part of the posttest(s) will be banked for credit during succeeding semester(s). Both parts must be passed simultaneously (during the same period) to satisfy program requirements.

Passing the Writing Assessment at placement or exit requires at least two passing assessments out of three readings. However, students who fail the Writing Assessment may appeal the decision provided they maintained a class average of 80 or above and received at least one passing assessment on the Exit Writing Assessment. (The Placement Writing Assessment may not be appealed. See the Advisement Manual in the Office of the Division of Learning Support for more details.)

Students with a class average of 80 or above who pass a Learning Support course, but who fail the post-CPE within three points will be given one opportunity to retest at the end of that semester during the allotted time for retesting. Because COMPASS is an untimed examination, students who fail will not retest.

The following final grades will be issued: S, IP, F, W, WF, V (see "The Grading System").

A grade of “W” does not count as an attempt in a course. However, no Learning Support students will receive a “W” unless they withdraw or are administratively withdrawn from the University before the penalty period. Students with excessive absences in any Learning Support course prior to midsemester may be administratively withdrawn from the University. Because Learning Support classes are laboratory-oriented and lab space is limited, students who miss the first day of class may be administratively withdrawn and their entire registration cancelled. (see “Class Attendance” and “Special Policy for Limited Seating Classes”).

A grade of “WF” counts as an attempt in a Learning Support course, and it is assigned to students who withdraw or are administratively withdrawn from the University after the penalty period. Students may be administratively withdrawn for excessive absences after midsemester.

Students needing a Reading 0099 course cannot enroll in college-level social, natural, or physical science courses or college-level English until Learning Support reading requirements have been satisfied.

Students needing Mathematics 0099 cannot enroll in college-level mathematics, physics, chemistry, or any science courses with a prerequisite of college-level mathematics until Learning Support mathematics requirements have been satisfied.

Students enrolled in 0099 English cannot enroll in college-level English.

These restrictions mean that limited admitted students are not guaranteed a full class load as may be required to qualify for some forms of financial aid.

SUMMER SESSIONS

Special summer session courses are available to Learning Support students of the University. Students may exit Learning Support courses during the summer semester. Because of the brevity of the summer semester, students who place in three 0099 courses are strongly recommended to register for a maximum of two courses.

DESCRIPTION OF COURSES
LEARNING SUPPORT COURSES
(Remediation)

- *ENGL 0099: Fundamentals of English 4 Credits**
An exit level course in Standard English, providing instruction in basic grammar, sentence mechanics, paragraph and essay composition, and test-taking skills. Laboratory-oriented, the course provides learning situations in both the classroom and the learning laboratories. A diagnostic examination at the beginning of the course will identify specific areas needing improvement. Institutional credit only. (3-2-4)
- *MATH 0099: Foundations of Mathematics 4 Credits**
A laboratory-oriented, exit level course. The course is a study of the fundamental operations of basic arithmetic, fundamental operations associated with polynomials, and fundamental concepts of elementary algebra. It includes the application to rational numbers, decimals, fractions, mixed numbers, percents, signed numbers, roots, and powers. It also includes the solving of the first-degree equations and inequalities in one variable, special products, graphing and solving first degree equations in two variables, factoring, quadratic equations, and topics in geometry. Institutional credit only. (3-2-4)

***READ 0099: Foundations of Reading 4 Credits**

A course designed to expand students' reading skills for creative, critical, and interpretive reading, and to prepare students to pass the post CPE/COMPASS. It is 40% lab and 60% classroom-directed. The course is designed for pre-college level reading reinforcement, focusing on three major areas: word recognition, advanced literal and inferential comprehension, and study skills. Reinforcing Writing Across the Curriculum, this course encourages students to use current events to develop multi-paragraph essays and other writing activities both in and out of class. Institutional credit only. (3-2-4)

*These are classes with limited lab seating. Students must report to class promptly to claim their seats, or they may be administratively withdrawn.

(Enrichment)

FRES 1101 Freshman Year Experience I 1 Credit

A course designed to promote a positive adjustment and assimilation into the University for first-year students. Freshmen are introduced to a series of individual and group experiences which will enhance their self-concepts, clarify value systems, identify learning styles, and develop a set of adaptive study, critical thinking, logical problem-solving and survival skills. The course includes units that cover the University's history, organization and structure, academic resources, and student academic policies and conduct codes. It provides directed experiences in enhancing academic skills, including time management, memory skills, note taking skills and test-taking strategies. It further seeks to facilitate increased retention and eventual graduation among University students. The course is not a lecture course, but a seminar in which everyone takes an active part, and it provides a support group for students by examining problems common to the first-year experience in an atmosphere somewhat less formal than that of traditional courses.

FRES 1102 Freshman Year Experience II 1 Credit

An extension of the Freshman Year Experience I course designed to provide opportunities for students to receive additional practice, experience and knowledge in the following skills areas; goal-setting, decision-making, leadership training, and career (interviewing skills and resume development) and academic major planning and exploration. Further, the course seeks to promote computer literacy and activities involving the use of e-mail and the Internet services; offer instruction in money management, conflict resolution, and health and wellness issues; develop an appreciation for volunteerism through active participation in a variety of community service projects; and improve relationships between faculty and students by improving student attitudes toward the teaching/learning process.

GRADUATE PROGRAMS

At present, Savannah State University offers two graduate programs, as follows:

Master, Social Work

Master, Public Administration

Programs, requirements and courses are described on pages 163 and 173.

UNIVERSITY SYSTEM OF GEORGIA

BOARD OF REGENTS

Officers

Administrative Staff

INSTITUTIONS

Universities

Regional Universities

Four-Year Colleges

Two-Year Colleges

UNIVERSITY SYSTEM OF GEORGIA

The University System of Georgia includes all state-operated institutions of higher education in Georgia — 6 universities, 13 four-year colleges, and 15 two-year colleges. These 34 public institutions are located throughout the state.

A 16-member constitutional Board of Regents governs the University System, which has been in operation since 1932. Appointment of board members - five from the state-at-large and one from each of the state's eleven congressional districts - are made by the governor, subject to confirmation by the State Senate. Regular terms of board members are seven years.

The chairman, the vice chairman, and other officers of the Board are elected by the members of the Board. The chancellor, who is not a member of the Board, is the chief executive officer of the Board and the chief administrative officer of the University System.

The overall programs and services of the university system are offered through three major components: instruction, public service/continuing education, and research.

Instruction consists of programs of study leading toward degrees, ranging from the associate (two-year) level to the doctoral level, and certificates.

Requirements for admission of students to instructional programs at each institution are determined, pursuant to policies to the Board of Regents, by the institution. The Board establishes minimum academic standards and leaves to each institution the prerogative to establish higher standards. Applications for admission should be addressed in all cases to the institutions.

A core curriculum, consisting of freshman and sophomore years of study for students whose educational goal is a degree beyond the associate level, is in effect at the universities, four-year colleges, and two-year colleges. This curriculum requires 90 quarter-credit hours, including 60 in general education — humanities, mathematics and natural sciences, and social sciences — and 30 in the student's chosen major area of study. It facilitates the transfer of freshman and sophomore degree credits within the University System.

Public service/continuing education consists of non-degree activities, primarily, and special types of college-degree-credit courses. The non-degree activities are of several types, including short courses, seminars, conferences, lectures, and consultative and advisory services, in a large number of areas of interest. Typical college degree-credit public service/continuing education courses are those offered through extension center programs and teacher education consortiums.

Research encompasses investigations conducted primarily for discovery and application of knowledge. These investigations include clearly defined projects in some cases, non-programmatic activities in other cases. They are conducted on campuses at many off-campus locations.

The research investigations cover a large number and a large variety of matters related to the educational objectives of the institutions and to general societal needs.

Most of the research is conducted through the universities; however, some of it is conducted through several of the four-year and two-year colleges.

The policies of the Board of Regents for the government, management, and control of the University System and the administrative actions of the chancellor provide autonomy of high degree for each institution. The executive head of each

institution is the president, whose election is recommended by the chancellor and approved by the Board.

The University System Advisory Council, with 34 committees, engenders continual system wide dialogue on major academic and administrative matters of all types. It also makes recommendations to the chancellor for transmittal to the Board of Regents as appropriate, regarding academic and administrative aspects of operation of the system.

The advisory council consists of the chancellor, the vice chancellor, and all presidents as voting members, and it includes other officials and staff members of the institutions as nonvoting members. The advisory council's 21 academic committees and 13 administrative committees are made up of representatives from the institutions. The committees dealing with matters of university-systemwide application include, typically, at least one member from each institution.

State appropriations for the University System are requested by and are made to the Board of Regents. Allocations of the appropriations are made by the - is allocated by the board for instruction.

UNIVERSITY PERSONNEL

Board of Regents

University System Administrative Staff (Atlanta)

Savannah State University Administrative Officers

Savannah State University Support Services

College of Business Administration

College of Liberal Arts and Social Sciences

College of Sciences and Technology

Graduate Studies

Faculty

BOARD OF REGENTS

Term Expires

Thomas F. Allgood, Sr., Augusta	Tenth District, 2000
Hilton H. Howell, Jr., Atlanta	State-at-Large, 1999
Gelnn S. White, Lawrenceville	Eleventh District, 2005
Kenneth W. Cannestra, Atlanta	Sixth District, 2001
S. William Clark, Jr., Waycross (Chairman)	Eighth District, 1999
David H. Averitt, (Hal)	First District, 1999
J. Tom Coleman, Jr., Savannah	State-at-Large, 2002
Juanita Powell Baranco, Morrow	Fourth District, 2005
Charles H. Jones, Macon	State-at-Large, 2002
John Hunt, Tifton	Second Dsitrict, 2004
Edger L. Jenkins, Washington (Vice Chairman).	Ninth Dsitrict, 2001
A. W. Dahlberg "Bill", Atlanta	State-at-Large, 2004
Donald M. Leebern, Jr., Atlanta	State-at-Large, 2005
Elridge W. McMillan, Atlanta	Fifth District, 2003
Edgar L. Rhodes, Bremen.	Seventh District, 1999
Shannon L. Amos, Columbus	Third District, 2000

UNIVERSITY SYSTEM ADMINISTRATIVE STAFF
(ATLANTA)

Chancellor	Dr. Stephen R. Portch
Senior Vice Chancellor for Human & External Resources	Dr. Arthur N. Dunning
Senior Vice Chancellor for Capital Resources/Treasurer	Dr. Lindsay Desrochers
Vice Chancellor of External Affairs	Mr. Thomas E. Daniel
Asst. Vice Chancellor for Media and Publications	Ms. Arlethia Perry-Johnson
Assoc. Vice Chancellor of Legal Affairs	Ms. Elizabeth E. Neely
Vice Chancellor-Facilities	Mr. William K. Chatham
Senior Vice Chancellor for Academic Affairs	Dr. James L. Muyskens
Vice Chancellor-Student Services.	Dr. Barry A. Fullerton
Vice Chancellor-Information/Instructional Technology/CIO	Dr. E. Michael Staman
Associate Vice Chancellor-Planning and Policy Analysis	Dr. Cathie M. Hudson
Secretary to Board/Executive Administrative Assistant	Ms. Gail Weber

SAVANNAH STATE
UNIVERSITY ADMINISTRATIVE OFFICERS

President	Carlton E. Brown B.A., Ed.D., University of Massachusetts
Vice President for Academic Affairs	Joseph H. Silver, Sr. B.S., St. Augustine College, M.A., Ph.D., Atlanta University

Vice President for Business and Finance	Dawn M. Rhodes B.A., University of Michigan; M.B.A., University of Toledo
Vice President for Student Affairs	Valda Slack B.S., Dillard University; M.A., California State University; Ph.D., University of Florida
Vice President for Institutional Advancement (Interim)	Annette K. Brock B.S., Savannah State University; M.A., Duke University; Ph.D., University of South Carolina
Associate Vice President for Academic Affairs	Charlease T. Stevenson B.S., Allen University; M.S., Indiana State University; Ph.D., University of Georgia
Dean, Enrollment Management	Judith W. Edwin B.A., Michigan State University; M.Ed., University of Miami; Ed.D., University of San Diego
Executive Assistant to the President	J. Allen Zow B.A., Bethune-Cookman; J.D., University of Florida
Director of Administrative Affairs	Cynthia M. Buskey B.S., South Carolina State University; MPA., Savannah State University

SAVANNAH STATE UNIVERSITY SUPPORT SERVICES

Admissions Director	Roy Jackson
Asst. Registrar	Teria Sheffield
Athletic Director	Jerome Fitch
Bookstore Manager	Emma Hopson
Career Services & Cooperative Education Director	Vacant
Center for Teaching and Learning Contact Person	Charlease T. Stevenson
Chief of Police (Interim)	Ike Williams
Communications/Community Relations Director	Loretta Heyward
Comprehensive Counseling Director	Vacant
Computer Services & Information Technology Director	Vacant
Educational Talent Search Director	Doreatha Tyson
Financial Aid Director	Vacant
Financial Services Director	Janice Allen
Health Services Director	Betty Bennett
Human Resources Director	Sandra McCord Young
Institutional Research & Planning Director	Michael G. Crow
Learning Support Director	Joan Maynor
Library Director	Shamina Amin
Pathways To Teaching Contact Person	Charlease T. Stevenson
Physical Plant Director	Ervin Ogden
Registrar	Vacant
Residential Life Director	Samuel Williams
Student Support Services Director	Lawrence Simmons
Student Union Director (Interim)	Gary Oliver

Title III Director	Thomas H. Hines
University Wide Testing	Shirley B. James
Upward Bound Director	Erma Mobley
WHCJ Radio Station Manager	Theron "Ike" Carter

COLLEGE OF BUSINESS ADMINISTRATION

Dean	Mostafa H. Sarhan B.C., University of Cairo; M.B.A., Texas A&M University; Ph.D., The University of Arkansas
Associate Dean	William G. Hahn B.A., Emory University; M.Ed., Ph.D., Georgia State University

COLLEGE OF LIBERAL ARTS AND SOCIAL SCIENCES

Dean	Otis S. Johnson B.A., University of Georgia; M.S.W., Clark-Atlanta University; Ph.D., Brandeis University
Assistant Dean	Lillian Reddick B.S., North Carolina A & T University; M.S.W., Virginia Commonwealth University; D.S.W., Howard University
Social Work Department Chair	Beverly Watkins B.A., California State University, LA, M.S.W., Social Work, Wayne State University; Ph.D., Social Work, Ohio State University
Master of Public Administration Interim Director	Shirley Geiger B.A., Howard University; M.P.A., Ph.D., University of South Carolina
Fine Arts Department Chair	Peggy Blood B.S., M.F.A., University of Arkansas, Fayetteville; M.A., Holy Names College; Ph.D., Union Institute
Humanities Department Chair	Harold Branam B.A., Berea College; B.A., Honors, Leeds University; M.S., Ph.D., Temple University
Social and Behavioral Sciences Department Chair (Interim)	Merolyn Stewart B.S., Savannah State College; M.Ed., Ph.D., University of Missouri-Columbia

COLLEGE OF SCIENCES AND TECHNOLOGY

Dean	Charlesworth Martin B.A., Hampton University; M.S., Ph.D., State University of New York at Buffalo
Biology & Life Science Department Chair (Interim)	Harpal Singh B.S., M.S., Punjab University; M.P.H., Ph.D., University of Tennessee
Chemistry Department Chair, Assistant Dean	George N. Williams B.S., Savannah State College; M.S., Tuskegee Institute; Ph.D., Howard University
Engineering Technology Department Chair (Interim)	Pravin Raut B.E., University of Bombay; M.S., Ph.D., Georgia Institute of Technology

Mathematics, Physics & Computer Science	
Technology Department Chair (Interim)	Lora L. Brewer
	B.S., Middle Tennessee State University; M.S., Ph.D., Vanderbilt University
Naval Science (ROTC) Department Chair	Cdr. Welch C. Fair, Jr.
	B.S., LaRoche College; B.S., Savannah State University; M.A., Central Michigan
Military Science (ROTC) Department Chair	Cpt. Zane Jones
	B.A., Huntington College

GRADUATE STUDIES

Dean of Graduate Studies and Sponsored Research	George N. Williams
	B.S., Savannah State College, M.S., Tuskegee Institute, Ph.D., Howard University
Grants Management Specialist	Vacant
Director of Survey Research Center	Vacant
Assistant Director of Survey Research Center	Ms. Majeda Nabhan

Callaway Professor

Distinguished Chair	Jerome Wright
	B.A., M.L.S., University of California, Berkeley; M.A., San Francisco State University; M.S.W., California State University, Ph.D., Harvard University

FACULTY

ADAMS, Charles; Assistant Professor, Social & Behavioral Sciences; College of Liberal Arts & Social Sciences (1997). B.S. Criminal Justice, Georgia Southern University; M.S., Criminal Justice, Armstrong Atlantic State University

ADAMS, Juanita J.; Assistant Professor, English, Division of Learning Support (1970); B.S. English, Savannah State University; M.S.L.S., Library Science, Atlanta University

ADEYEMO, Adegboye; Professor, Chemistry, College of Sciences & Technology (1991). B.S., Virginia Union; Ph.D., Inorganic Chemistry, Howard University

AFOLABI, Julius; Associate Professor, Biology & Life Sciences; College of Sciences & Technology (1994). B.S., Southern Nazarene University; M.P.H., Epidemiology, University of Oklahoma; Ph.D., Parasitology, Oklahoma State University

AGUERO, Clara; Associate Professor, Fine Arts; College of Liberal Arts & Social Sciences (1983). B.A., ISDAL. Colombia; B.A., Hampton University; M.A., Printmaking, Rosary College, Italy; M.F.A., Photography, Savannah College of Art & Design

ALBAN, Edward; Professor, Economics; College of Business Administration (1979). A.B., Ph.D., Economics, University of Georgia

ALEMAYEHU, Tsehai; Professor, Economics; College of Business Administration (1985). B.A., Berea College; M.A., Economics, Ph.D., Economics, University of Kentucky

AMIN, Shamina; Instructor, Director of Library and Media Services, Library (1992). B.A., M.A., English, University of Dhuka; M.L.S., Library and Information Science, Atlanta University

ANANTHANARAYANAN, Venkataraman; Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1965). M.A., M.Sc., Physics, Annamalai University; Ph.D., Physics, Indian Institute of Science, Bangalore

AWAN, Abida I.; Assistant Professor, Mathematics, Division of Learning Support (1990). B.S., Chemistry/Physics; B.S., Math/Statistics; M.S., Economics/Statistics, University of Punjab

AWAN, Ijaz A.; Associate Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1984). B.A., M.A., Economics/Statistics, Punjab University Lahore; M.S., Computer Science, Alabama A & M University

BART, Barbara D.; Professor, Marketing; College of Business Administration (1981). B.A., Economics, M.B.A., Finance & Marketing, University of Rochester; Ph.D., Marketing, University of Georgia

BEST, Arthur L., III; YNC, USN, Naval Science Department; College of Sciences and Technology (1997)

BLOOD, Peggy; Associate Professor, Chair; Fine Arts; College of Liberal Arts & Social Sciences (1998). B.S., Art Education, Univ. of Arkansas, Pine Bluff; M.F.A., Painting/Drawing, Univ. of Arkansas, Fayetteville; M.A., Administration, Holy Names College; Ph.D. Administration, Union Institute

BOWEN, Olufunke A.; Associate Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1993). B.L., Nigeria Law School; L.L.B., Law, University of IFE; M.LITT, Comparative Law, Cambridge University; LL.M., International Law, Yale Law School

BRANAM, Harold; Professor, Chair, Humanities; College of Liberal Arts and Social Sciences (1992). B.A. Berea College; B.A., Honors, Leeds University; M.A., Ph.D. Temple University

BREWER, Lora L.; Associate Professor, Interim Chair; Mathematics, Physics & CSC Technology; College of Sciences & Technology (1992). B.S., Middle Tennessee State University; M.S., Ph.D., Mathematics, Vanderbilt University

BROCK, Annette K.; Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1971). Interim Vice President for Institutional Advancement. B.S. Social Science, Savannah State University; M.Ed., Secondary Education/History, Duke University; Ph.D., Secondary Education, University of South Carolina

BROWN, Carlton; Professor, President; Savannah State University (1997). B.A. English, University of Massachusetts; Ed.D., Multi-Culture Education, University of Massachusetts

BURING, Daneel; Visiting Assistant Professor, Social and Behavioral Sciences; College of Liberal Arts and Social Sciences (1997). B.S., Secondary education, Vanderbilt University; M.A., History, Memphis State University; Ph.D., History, University of Memphis

BYERS-JOHNSON, Jacquelyn M.; Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1967). B.S., Johnson C. Smith University; M.A., Mathematics, Ohio State University

BYNUM, Kimberly D.; Assistant Professor, Recreation & Athletics; College of Liberal Arts & Social Sciences (1997). B.S., Physical Education, University of Louisville; M.A., Teaching, University of Louisville

CAMPBELL, Elaine S.; Visiting Assistant Professor, Accounting; College of Business Administration (1996). B.A., Accounting, Clark-Atlanta University; M.B.A., Savannah State University

CARPENTER, Victor; Associate Professor, German; College of Liberal Arts & Social Sciences (1990). B.A., German, Houghton College; M.A., German, Middlebury College; Ph.D., German Literature, University of Pennsylvania

CHAMBERS, Russell; Associate Professor, English; College of Liberal Arts & Social Sciences (1989). A.B., A.M., Ph.D., English, University of Michigan

CHANDRA, Kailash; Professor, Math., Physics & Computer Science Technology; College of Sciences & Technology (1969). B.S., M.S., Physics, Agra University; Ph.D., Physics, University of Gorakhpur

CHETTY, Chellu S.; Professor, Biology & Life Sciences; College of Sciences & Technology (1993). B.S., M.S., Ph.D., Zoology, S.V., University

CHUKWUKERE, Sylvester A.; Associate Professor, Engineering Technology; College of Sciences & Technology (1985). B.S., Electrical Engineering, Southern University; M.S., Electrical Engineering, Tuskegee Institute

COLLINS, Gloria C.; Assistant Professor, College of Liberal Arts and Social Sciences, Recreation and Park Administration (1998). B.F.A., Arizona State University; M.S., University of West Florida; Ed.D, Therapeutic Recreation, Temple University

CONLIN, George; Associate Professor, Management; College of Business Administration (1978). B.S.B.A., Accounting, Boston University; J.D., John Marshall Law School; M.B.A., Savannah State University

CRAWFORD, Emily; Associate Professor, Marketing; College of Business Administration (1992). B.S., Marketing, Savannah State University; M.B.A., Atlanta University; D.B.A., International Marketing, International Graduate School; Ph.D., Marketing, University of Cincinnati

CROSS-HOLMES, Novella; Associate Professor, Mass Communications; College of Liberal Arts and Social Sciences (1979). B.A., Journalism, Clark College; M.A., Journalism, Ohio State University

DELOACH, Darrell M.; Assistant Professor, Mathematics, Physics and Computer Science Technology; College of Sciences & Technology (1992). B.S. Mathematics, Savannah State University; M.S., Mathematics, Ohio State University

DOWLING, William A.; Professor, Finance; College of Business Administration (1995). B.B.A., M.B.A., Valdosta State University; D.B.A., Finance, University of Tennessee

EASON, Thomas R.; Professor, Economics; College of Business Administration (1979). B.S., Union University; M.B.A., Ph.D., Economics, University of Mississippi

EDWARDS, Joyce; (1998) B.S. Southern University; M.S., Ph.D., Sociology, Howard University

EKE, Kenoye; Professor, Political Science; College of Liberal Arts and Social Sciences (1989). B.A., Political Science; Alabama A & M University; M.A. Ph.D., Political Science, Atlanta University

ELLIS, Frank; Associate Professor, Recreation and Park Administration; College of Liberal Arts & Social Sciences (1970). B.S., Health, Physical Education & Recreation, Savannah State University; M.Ed., Savannah State College & Armstrong State College

ELLIS-DINKINS, Joia; Instructor, Reference Librarian, Asa Gordon Library (1990). B.A., English, Spellman College; M.S.L.CS., Library Science, Clark-Atlanta University

ELMORE, Charles; Professor, English and Ph.D. in Higher Education; College of Liberal Arts & Social Sciences (1972). B.S., Biology, Savannah State University; M.A., Journalism, Ph.D., English, University of Michigan

ELMORE-BAIN, Clara B.; Associate Professor, Reading, Division of Learning Support (1984). B.S., English Education, Savannah State University; M.Ed., Elementary Education with Specialization in Reading, Savannah State University/Armstrong Atlantic State University

EMEH, Chukwudi Obi; Professor, Biology & Life Sciences; College of Sciences & Technology (1973). B.S., Cuttington College; M.S., Microbiology, Tuskegee Institute; Ph.D., Bacteriology, University of Wisconsin

FAIR, Welch C., Jr.; Commander, USN; Professor, Commanding Officer, Naval Science; College of Sciences & Technology (1996). B.S., Business Administration & Management, LaRoche College, B.S., Electronics Engineering, Savannah State University; M.A., Business Management, Central Michigan University

FRANKLIN, Chandra I.; Associate Professor, Biology & Life Sciences; College of Sciences & Technology (1995). B.Sc., M.Sc., University of Madras; M.S., Biology, University of Michigan; Ph.D., Botany, North Carolina State University

FRANKLIN, Reginald; Associate Professor, Mass Communications, College of Liberal Arts and Social Sciences (1998). B.S., Mass Communications, Jackson State University; M.A., Telecommunications, University of Michigan

GARDNER, Dorothy; Professor, Reading; College of Liberal Arts & Social Sciences (1989). B.S., Medical Technology, Central State University; M.A., Reading, Michigan State University; Ph.D., Reading, Temple University

GARNER, Cheryl; Assistant Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1997). B.A., Psychology, Long Island University; M.A., Psychology, Adelphi University; Ph.D., Psychology, Clinical School, Adelphi University

GEIGER, Shirley M.; Associate Professor, Interim Director, Master of Public Administration Program, College of Liberal Arts and Social Sciences (1996). B.A., Howard University; M.P.A., Ph.D., University of South Carolina

GHUMAN, Gian S.; Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1967). B.S., M.S., Soil Chemistry, Punjab University; Ph.D., Soil Science, University of California

GILLIGAN, Matthew; Professor, Biology & Life Sciences; College of Sciences & Technology (1980). B.A., Biology, Hartwick College; Ph.D., Ecology & Evolution Biology, University of Arizona

GOINGS, Douglas; Associate Professor, Management; College of Business Administration (1995). B.A., Business Administration, Southeastern Louisiana University; M.Ed., Administration & Supervision, Louisiana State University; Ph.D., Business Education, Michigan State University

GOLDEN, Louise; Associate Professor, English; College of Liberal Arts & Social Sciences (1987). B.A., M.A., Speech Communication, University of Georgia; Ph.D., English, Bowling Green State University

GOODWIN, Timothy B.; Associate Professor, Mathematics; Division of Learning Support (1975). B.A., Mathematics, Armstrong/Atlantic State University; M.S., Statistics, University of Georgia

GORDON, Joenelle; Associate Professor, Social Work; College of Liberal Arts & Social Sciences (1977). B.A., Sociology, Bennett College; M.S.W., Social Work, Case/Western University

GUPTA, Suversha; Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1993). M.A., Guru Nanak University; M.Phil., Mathematics, Ph.D., Applied Mathematics, Kurukshetra University

HAAS, Barbara; Assistant Professor, English; Division of Learning Support (1992). B.S., Education, University of Alabama; M.A., English, Emporia State University

HAHN, William G.; Professor, Management, Associate Dean; College of Business Administration (1981). B.A. Psychology, Emory University; M.Ed., Ph.D., Educational Psychology, Georgia State University

HAN, Ying; Assistant Professor, Spanish; College of Liberal Arts & Social Sciences (1994). B.A., Spanish, Beijing Foreign Language University; M.A., Speech, Language, Literature, Washington University

HAVENS, Robert; Sergeant First Class; Senior Instructor, Military Science; College of Sciences & Technology (1997). Military Leadership, Nuclear Security, U.S. Army

HEARD, Drexel; Major, USMC, Instructor, Naval Science; College of Sciences & Technology (1996). Advanced Logistics, Officer Candidate School; B.S., Health Management, Southern Illinois University; M.B.A., Business Management, National University

HICKS, James M.; Commander, USN; Instructor, Naval Science; College of Sciences & Technology (1996). B.S. Mathematics, US Naval Academy

HILL, Kendall; Associate Professor, Engineering Technology; College of Sciences & Technology (1983). B.S., Physics, Georgia Institute of Technology; M.S., Mechanical Engineering, University of Southern California

HOLSENBACK, J. Edward; Assistant Professor, Management; College of Business Administration (1993). B.S., Clemson University; M.B.A., Ph.D., Operations Management, University of South Carolina

HONG, Phat Q; Assistant Professor, Mathematics, Division of Learning Support (1990). B.S., Management, M.P.A., Public Administration, Savannah State University

HONG, Zhaohui, G.; Associate Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1992). B.A. Hangzhou University, China; M.A., History, Ph.D., History, University of Maryland at College Park

HUTCHINS, Lawrence; Assistant Professor, Fine Arts; College of Liberal Arts & Social Sciences (1990). B.S.Ed., Music Education, Savannah State University; M.M.Ed., Music, Vandercook College of Music

IDE, Christopher; Associate Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1992). B.S., Marine Biology, University of North Carolina; M.P.A., Public Administration, Auburn University; Ph.D., Political Science, Atlanta University

IMMELE, Rene J.; Associate Professor, French; College of Liberal Arts & Social Sciences (1990). B.A. Classics, University of Strasbourg; M.A., French, Michigan State University; Ph.D., Literature and Composition, University of Michigan

JACKSON, Prince A., Jr.; Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1955). B.S. Savannah State University; M.S. Mathematics, New York University; Ph.D., Mathematics Education, Boston University

JACKSON, Willie; Assistant Professor, Fine Arts; College of Liberal Arts & Social Sciences (1983). B.A., Public Music, Morris Brown College; M.Med., Music, Florida State University

JAHHANNES, Ja Arthur; Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1981). B.S., Psychology, Lincoln University; M.A., Educational Administration and Supervision, Hampton University; M.A., Guidance and Counseling, Hampton University; Ph.D. Psychology, University of Delaware

JAMES, Jeffrey; Professor, Chemistry; College of Sciences & Technology (1972). B.S., Savannah State College; M.S., Inorganic Chemistry, Tuskegee Institute; Ph.D., Inorganic Chemistry, Howard University

JANKOWSKI, W. Jan; Professor, Management; College of Business Administration (1979). B.B.A., Accounting, Armstrong Atlantic State University; J.D., Law, Emory University of Law

JAYARAMAN, Kuppaswamy; Associate Professor, Engineering Technology; College of Sciences & Technology (1996). B.E., Civil Engineering, Sri Venkateswara University; M.Sc., Public Health Engineering, University of Madras; Ph.D., Environmental Engineering, Ernst-Moritz-Arndt University

JENSEN, Robert; Assistant Professor Accounting; College of Business Administration (1979). B.A., Business Administration, Atlantic Christian College; M.B.A., East Carolina University

JINDANI, Shinaz G.; Associate Professor, Social Work; College of Liberal Arts & Social Sciences (1996). B.S.W., M.S.W., Social Work, Bombay University; D.S.W., Social Work, Tulane University

JOHNSON, Otis S.; Professor, Dean: College of Liberal Arts and Social Sciences (1998). B.A., University of Georgia; M.S.W., Clark-Atlanta University; Ph.D., Brandeis University

JOHNSON, Willie E.; Professor, Public Administration; College of Liberal Arts & Social Sciences (1986). B.A., California State Polytechnic University; M.S., M.S.P.A., Public Administration; Ph.D., Political Science, Florida State University

JONES, Hettie B.; Professor, Biology & Life Sciences; College of Sciences & Technology (1978). B.S., M.Ed., Mathematics Education, Tuskegee Institute; Ph.D., Zoology, Iowa State University

JONES, Zane H.; Captain, Instructor, Officer-in-Charge, Military Science; College of Science & Technology. B.A., Huntington College

JORDAN, Kenneth; Professor, Public Administration; College of Liberal Arts & Social Sciences (1989). B.S., North Carolina Central University; M.A., Ph.D., Urban Geography, University of California, Berkeley

KADALIE, Modibo; Associate Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1991). B.S., Psychology, Morehouse; M.S., Experimental Psychology, Howard University; M.A., Political Science, Atlanta University; Ph.D., Political Science, Clark-Atlanta University

KALANTARI, Behrooz; Associate Professor, Public Administration; College of Liberal Arts & Social Sciences (1997). B.S., Administration, Tehran Business College; B.S., Public Management, Avila College; M.P.A., Public Administration; Southern Illinois University; Ph.D. in Political Science, Southern Illinois University

KALU, Alex; Professor, Engineering Technology; College of Sciences & Technology (1986). NCE, University of Nigeria; B.S., University of Texas at Arlington; M.S., Electrical Engineering, Louisiana Tech University; Ph.D., Industrial/Electrical Engineering, Louisiana State University

KENT, Rosalind M.; Assistant Professor, Reading, Division of Learning Support (1990). B.S., Education, Savannah State College; M.Ed., Reading Specialist, Georgia Southern University

KIRK, Cordelia; Associate Professor, Social Work; College of Liberal Arts & Social Sciences (1993). M.A., B.A. (SS) Sociology/Social Work, University of South Africa, African-American Studies; M.S.W., Social Work, Ph.D., Social Work, Ohio State University

KOVENSKY, Seth; Lieutenant, USN; Instructor, Naval Science; College of Sciences & Technology (1996). B.S., Naval Architecture, US Naval Academy

LAVAZZI, Thomas G.; Assistant Professor, English; College of Liberal Arts & Social Sciences (1995). B.A., English, Washington University; M.A., English, University of Missouri; MFA, Creative Writing, University of Iowa; Ph.D., Literature, City University of New York

LEMMA, Mulatu; Associate Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1994). B.Sc., M.Sc., Addis Ababa University; M.A., Mathematics, Ph.D., Mathematics, Kent State University

LEONARD-O'BRIEN, Jane A.; Assistant Professor, English; College of Liberal Arts & Social Sciences (1992). B.A., English, University of South Carolina; M.A., English, Georgia State University

LESEANE, Reginald; Instructor, Computer Information Systems; College of Business Administration (1996). B.B.A., Computer Information Systems, Savannah State University; M.B.A., Georgia Southern University

LIN, Shinemin; Associate Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1994). B.S., National Taiwan Normal University, M.S., Mathematics, Pittsburgh State University; Ph.D., Mathematics, University of Kansas

LIU, Ying; Associate Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1990). B.S., Lanzou University; M.S., Carnegie-Mellon University, M.S., Computer Science, University of South Carolina; Ph.D., Physics, Carnegie-Mellon University

LOCKWOOD, Daniel; Associate Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1996). B.A., History, The City College of New York; M.A., History, Stanford University; Ph.D., Criminal Justice, State University of New York, Albany

LOGAN, Linda E.; Assistant Professor, English, Division of Learning Support; (1994). B.S., English Language & Literature, Savannah State College; M.Ed., Adult Education, Georgia Southern University

LOVECCHIO, John P.; Assistant Professor, English; College of Liberal Arts & Social Sciences (1993). B.A., English, San Jose State University; M.A., Creative Writing, San Francisco State University; Ph.D., English, University of Iowa

LUGO, Thomas; Instructor, English; College of Liberal Arts and Social Sciences (1992). B.A., English, University of California; M.A., English, Georgetown University

LUMPKIN, Farnese H.; Associate Professor, Fine Arts; College of Liberal Arts & Social Sciences (1954). B.S., Single Curriculum, M.A., Bluefield State College; M.A., Applied Art, State University of Iowa

MA, Rex C.; Associate Professor, Engineering Technology; College of Sciences & Technology (1977). B.S., Civil Engineering Technology, Taiwan National University; M.E., Civil Engineering Technology, University of South Carolina

MAHITAB, Frank I.; Instructor, Assistant Reference Librarian; Asa Gordan Library (1995). B.S., Chemistry, University of Bombay; B.S., Computer Systems, Perry Tech; M.S.L.S., DeVry Institute, Clark-Atlanta University

MARTIN, Charlesworth R.; Professor, Dean; College of Sciences & Technology (1996). B.A., Mathematics, Hampton University; M.S., Electrical Engineering, Ph.D., Civil Engineering & Applied Mechanics, State University of New York at Buffalo

MAURY, James L.; Associate Professor, Social Work; College of Liberal Arts & Social Sciences (1996). B.S., M.S.W., Social Work, University of Alabama; D.S.W., Social Work, Catholic University of America

MAYNOR, Joan D. S.; Associate Professor, English, Director, Division of Learning Support (1974). B.S., English, Savannah State College; M.A., English, Atlanta University

MEEKINS, William L.; Gunnery Sergeant, USMC; Instructor, Naval Science; College of Sciences and Technology (1998)

MESCO, Eugene; Associate Professor, Biology & Life Sciences; College of Sciences & Technology (1996). B.S., Biological Science, University of South Carolina; Ph.D., Physiology, University of California Berkeley

MILLER, Percy; Associate Professor, English; College of Liberal Arts & Social Sciences (1990). A.B., Education, University of Kentucky; M.S., English, Illinois State University; Ph.D., English, Vanderbilt University

MORGAN, Constance B.; Associate Professor, Reading, Division of Learning Support (1988). B.S. Savannah State University; M.S., Armstrong Atlanta State University; M.A., Middle Education/Administration; Ed.D., Reading Administration, Georgia Southern University

MUKHTAR Mohamed H.; Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1992). PCL, Translation Diploma, PCL London; B.A., M.A., and Ph.D., History, Al-Azhar University, Cairo, Egypt

MURCHISON, Dorothy D.; Associate Professor, Mathematics, Physics & CSC Technology; College of Sciences & Technology (1969). B.S., Mathematics & General Science, Savannah State University; M.S., Physical Science, South Carolina State College

MUSTAFA, Mohamad A.; Associate Professor, Engineering Technology; College of Sciences & Technology (1994). B.S., M.S., Ph.D., Civil Engineering, Wayne State University

MC GHEE, Thomas M.; Associate Professor, Accounting; College of Business Administration (1998). B.S., M.S.B.A., California State University, Bakerfield; Ph.D., Business Administration, University of South Carolina

MCLEMORE, Willie G.; Professor, Reading, Division of Learning Support (1972). B.S., Alabama A & M College; M.A., Reading, Atlanta University; Ed.D., Curriculum & Instruction, University of South Carolina

NAIR, Raghavan M.G.; Professor, Chemistry; College of Sciences & Technology (1992). B.S., Kerala University, M.S., BioOrganic Chemistry, Banaras University; Ph.D., Chemistry, University of Gauhati

NAMBIAR, Govindan K.; Professor, Biology & Life Sciences; College of Sciences & Technology (1969). I.S.C., B.V.S., University of Madras; M.S., Animal Husbandry, University of Tennessee; Ph.D., Genetics & Physiology, Texas A & M University

NOVOA, Roberto A.; SKC, Fiscal/Supply Officer, USN, Naval Science; College of Sciences & Technology (1997). B.S., Business Administration, New York State University

O'BRIEN, Kevin; Assistant Professor, Spanish; College of Liberal Arts & Social Sciences (1992). B. A., Spanish, Marist College; M. A., Spanish, Fordham University

OFONG, Chigbo; Associate Professor, Management; College of Business Administration (1995). B.A., Economics, State University of New York at Buffalo; M.A., Ph.D., International Relations, John Hopkins University (SAIS)

OLIVER, Christine E.; Professor, Fine Arts; College of Liberal Arts & Social Sciences (1967). B.A., Bennett College; M.M.E., Music Education, Indiana University; Ph.D., Music, Florida State University

OLUBAJO, Olarongbe; Professor, Chemistry; College of Sciences & Technology (1992). B.A., Biology/Chemistry, Northern Kentucky State University; Ph.D., Organic Chemistry, Howard University

O'NEILL, George; Professor, English; College of Liberal Arts & Social Sciences (1972). B.A., English, Youngstown State University; M.A., Ph.D., Linguistics, University of Southern California

OUANDLOUS, Arav S.; Associate Professor, Management; College of Business Administration (1995). B.S.C., University of Algiers; M.B.A., M.A., Applied & Quantitative Analysis, The American University; M.A., Ph.D., International Business & Finance, The Catholic University

PARK, Young; Associate Professor, Computer Information Systems; College of Business Administration (1993). B.A., M.A., Yonsei University; M.S., Computer Science, Western Illinois University; Ph.D., Management Information Systems, Syracuse University

PHILBRICK, Jane H.; Professor, Management; College of Business Administration (1986). B.A., Mathematics, Clemson University; M.B.A., Ph.D., Business Administration, University of South Carolina

RAUT, Pravin; Professor, Acting Chair, Engineering Technology; College of Sciences & Technology (1981). B.E., University of Bombay; M.S., Mechanical Engineering, Ph.D., Mechanical Engineering, Georgia Institute of Technology

REDDICK, Lillian J.; Associate Professor, Social Work; Assistant Dean; College of Liberal Arts & Social Sciences (1982). B.S., North Carolina A & T University; M.S.W., Virginia Commonwealth University; D.S.W., Social Work, Howard University

RICHARDSON, Joseph P.; Professor, Biology & Life Sciences; College of Sciences & Technology (1979). B.A., Biology, University of Tennessee; Ph.D., Marine Science, University of North Carolina

ROGERS, Catherine A.; Assistant Professor, English; B.A., English, Middlebury College

SAJWAN, Kenneth S.; Professor, Biology & Life Sciences; College of Sciences & Technology (1992). B.S., Uttar Pradesh Agricultural University; M.S., Jawaharlal Nehru Agricultural University; Ph.D., Cereal Chemistry, Indiana State University; Ph.D., Soil Chemistry, Colorado State University

SARHAN, Mostafa H.; Professor, Dean; College of Business Administration (1998). B.C., Cairo University; M.B.A., Accounting & Finance, Texas A & M University; Ph.D., Accounting, The University of Arkansas

SCHLUETER, Raymond D.; Associate Professor, Engineering Technology; College of Sciences & Technology (1977). B.S., Electrical Engineering, M.S., Industrial Education, Iowa State University

SCHROEDER, Michael; Associate Professor, English, B.A., English, Washburn University

SELLS, Scott P.; B.A., Stetson University

SEMSAR, Mehdi; Associate Professor, Engineering Technology; College of Sciences & Technology (1990). B.S., Chemical Engineering, Tennessee Technological University; M.S., Chemical Engineering, University of Tennessee

SHEARIN, Gloria; Assistant Professor, English; College of Liberal Arts & Social Sciences (1984). B.S., M.S., English, Florida State University.

SILVER, Joseph H.; Professor, Vice President for Academic Affairs (1997). B.S., History/Government, St. Augustine College; M.A., Ph.D, Political Science, Atlanta University

SIMMONS, Jack; Assistant Professor, Philosophy; College of Liberal Arts and Social Sciences (1998). B.A., M.A., Philosophy, Louisiana State University; Ph.D. Philosophy, Tulane University

SIMPSON, John; Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1971). B.A., M.A., History, North Texas State University; Ph.D., History, University of Georgia

SIMS, Ella H.; Professor, Social and Behavioral Sciences; College of Liberal Arts and Social Sciences (1974). B.A., Sociology, South Carolina State University; M.A., Sociology, Atlanta University

SINGH, Harpal; Professor, Interim Chair; Biology & Life Sciences; College of Sciences & Technology (1974). B.S., M.S., Punjab University; Ph.D., Entomology-Radiation Biology Emphasis; M.P.H., Environmental & Occupational Health Option, University of Tennessee

SMITH, Steven R.; Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1972). A.B., Mercer University; M.A., History, University of Georgia; Ph.D., History, Vanderbilt University

SPARKS, Marcia P.; Assistant Professor, Management; College of Business Administration (1996). B.S.B.A., Accounting, M.B.A., University of Florida

STEVENSON, Charlease T.; Professor, Management; College of Business Administration (1975). Associate Vice President for Academic Affairs. B.S., Business Education, Allen University; M.S., Business Education, Indiana University; Ph.D., Public Administration, University of Georgia

STEVENSON, Robert L.; Professor, Fine Arts; College of Liberal Arts & Social Sciences (1965). B.S., M.A., Speech & Drama, Tennessee A & I State University; Ph.D., Theatre, Indiana University

STEWART, Merolyn; Associate Professor, Acting Chair, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1974). B.S., History, Savannah State College; M.Ed., Education-History, University of Missouri; Ph.D., Education-History, University of Missouri-Columbia

SULLIVAN, Brenda; Associate Professor, Pubic Administration; College of Liberal Arts & Social Sciences (1996). B.A., History University of Maryland; Eastern Shore; M.A., Political Science, Ph.D., Political Science, Atlanta University

TAYLOR, Henry, A., Jr.; Associate Professor, Engineering Technology; College of Sciences & Technology (1990). B.S., Chemical Engineering, M.S., Mechanical Engineering, Tuskegee University

TESSEMA, George; Associate Professor, Mathematics; Division of Learning Support (1994). B.S., Haile Sellassic University; M.S., Mathematics Education, Florida State University; Ph.D., Mathematics Education, State University of New York at Albany

TURAY, Mohamed; Associate Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1990). B.A., English, University of Sierra Leone; M.A., Sociology, Howard University; Ph.D., Sociology, Howard University

WALKER, Ronald; Assistant Professor, English; College of Liberal Arts & Social Sciences (1993). B.A., History, New Mexico Highlands University; M.A., English & Afro-American Literature, North Carolina A&T; M.S., Adult Education, North Carolina A&T; J.D., Law, Howard University

WATERS, Carver; Assistant Professor, English; College of Liberal Arts and Social Sciences (1998). B.A., English, Dillard University; M.A., English, McNeese State University; Ph.D., English, University of Southwestern Louisiana

WATKINS, Beverly; B.A., California State University, LA; M.S.W., Social Work, Wayne State University; Ph.D., Social Work, Ohio State University

WILLIAMS, Craig L.; Assistant Professor, Management; College of Business Administration (1993) B.S., Chemistry, M.B.A., Quantitative Business Analysis, Cleveland State University; Ph.D., Operations Management, Kent State University

WILLIAMS, George N.; Professor, Department Chair, Chemistry, Assistant Dean; College of Sciences & Technology (1971). B.S., Savannah State College; M.S., Organic Chemistry, Tuskegee Institute; Ph.D., Inorganic Chemistry, Howard University

WILLIAMS, Suzanne Ife; Associate Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1995). B.A., Political Science, Atlanta University; M.A., American Government, Lincoln University; Ph.D., Political Science, Clark-Atlanta University

WILLIS, Otto; Lieutenant, USN; Instructor, Naval Science; College of Sciences & Technology (1997). B.S., Electronics Technology, Norfolk State University

WILSON, Marianne E.; Assistant Professor, English, Division of Learning Support (1996). B.A., M.A., English, Michigan State University

WILSON-BURTON, Norma E.; Assistant Professor, English, Division of Learning Support (1992). B.S., Secondary Education, M.A., English, University of Kansas

WINSTON, Craig; Assistant Professor, Social and Behavioral Sciences; College of Liberal Arts & Social Sciences (1990). B.A., Sociology, Kent State University; M.S., Criminal Justice, University of North Florida; J.D., University of Akron

WOLFF, Roland; Associate Professor, Fine Arts; College of Liberal Arts & Social Sciences (1991). B.S., Art Education, Southern Connecticut State College; M.F.A., Printmaking, Georgia State University

WRIGHT, Jerome W.; M.S.W., Social Work, California State University, Long Beach

YOUSUF, Asad; Professor, Engineering Technology; College of Sciences & Technology (1983). B.S., Electronics Engineering, N.E.D. University; M.S., Electrical and Computer Engineering, University of Cincinnati

ZHANG, Xiaorong S.; Associate Professor, Biology & Life Sciences; College of Sciences & Technology (1996). B.S., Beijing Normal University; M.S., Botany, Chinese Academy of Science, Ph.D., Biotechnology, Virginia Polytechnic Institute and State University

ZOW, J. Allen, Sr.; Associate Professor, Public Administration; College of Liberal Arts & Social Sciences (1990). Executive Assistant to the President. B.A., Political Science, Bethune Cookman; J.D., University of Florida

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WHERE TO WRITE OR CALL

There is a central mail room on campus. Specific information may be obtained by writing to the offices listed below and adding:

Savannah State University

State University Branch

Savannah, GA 31404

ADMISSION

Director of Admissions

(912) 356-2181

ALUMNI

Alumni Affairs

356-2427

ATHLETICS

Director of Athletics

356-2278

CAREER SERVICES & COOPERATIVE EDUCATION

356-2285

CATALOG

Registrar

356-2212

CONTINUING EDUCATION/

Coastal Georgia Center for

Continuing Education

356-2243

COUNSELING

Director of Student

Counseling Center

356-2202

FINANCIAL AID, GRANTS LOANS WORK-STUDY ELIGIBILITY

Director of Student Financial Aid

356-2253

GENERAL ACADEMIC AND FACULTY MATTERS

Vice President for Academic Affairs

356-2204

GIFTS, GRANTS & BEQUESTS

Vice President for Institutional

Advancement

356-2286

GRADUATE STUDY

Associate Dean for Graduate

Studies and Research

351-3801

HOUSING

Student Housing Office

356-2324

MINORITY STUDENTS

Minority Recruitment Office

356-2181

PUBLIC INFORMATION

Director of University

Communications

356-2448

REGISTRATION/ RECORDS

Registrar

356-2212

SECURITY

Public Safety

356-2186

TUITION, PAYMENT OF BILLS, REFUNDS

Cashier Office

356-2304

Notes

Notes

Notes

List other names by which you have been known _____

Have you taken the ___ SAT ___ ACT and requested that your scores be sent to Savannah State University? ___ Yes ___ No

Have you ever been convicted of a criminal offense other than a traffic violation? ___ Yes ___ No

Have you ever been placed on disciplinary probation at any school or college? ___ Yes ___ No

Have you ever been academically suspended or dismissed from any school or college? ___ Yes ___ No

If yes to any of the above, please explain on a separate sheet.

The undersigned agrees that the information on this application is complete and correct, and that any deliberate omission or falsification of information may result in denial of admission or dismissal.

SIGNATURE OF APPLICANT _____ DATE _____

GENERAL INFORMATION

1. Application, non-refundable \$20.00 processing fee (please send check or money order, NOT CASH), transcripts and other supporting documents (when applicable) should be submitted at least 20 days prior to the beginning of the term in which the applicant plans to enter.

2. Application will not be reviewed until the application form, the \$20.00 fee, official high school transcript and/or college transcripts, official scores on the SAT or ACT have been received.

3. \$20.00 application fee is required of all applicants except former Savannah State University students.

(All completed applications received as of the deadline will be accepted.)

Notes

**SAVANNAH STATE UNIVERSITY
APPLICATION FOR ADMISSION**

PREPARING STUDENTS FOR A BETTER LIFE

EMERGENCY CONTACT: __ Parent __ Guardian __ Spouse Other __

Name _____ Phone _____
Home (include area code) Work (include area code)

Address _____
Street City State Zip

Father's Name _____ Mother's Name _____

EDUCATIONAL EXPERIENCE: List last high school attended and all colleges attended.

Complete Name of School	Location-City/State	Attendance Dates From (mo/yr) To (mo/yr)	Grad. Date	Degree Earned
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Last High School

College

College

College

Last College

EMERGENCY CONTACT: __ Parent __ Guardian __ Spouse Other __

Name _____ Phone _____ Home (include area code) Work (include area code)

Address _____ Street _____ City _____ State _____ Zip _____

Father's Name _____ Mother's Name _____

EDUCATIONAL EXPERIENCE: List last high school attended and all colleges attended.

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Last High School _____

College _____

College _____

College _____

Last College _____

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2. Application will not be reviewed until the application form, the \$20.00 fee, official high school transcript and/or college transcripts, official scores on the SAT or ACT have been received.
3. \$20.00 application fee is required of all applicants except former Savannah State University students. (All completed applications received on or after the institution's deadline date may be acted upon at the discretion of the institution.)
4. All new students must submit a University System of Georgia Certificate of Immunization as a condition of admissions.

Savannah State University, a senior unit of the University System of Georgia, is an affirmative action/equal opportunity education institution and does not discriminate on the basis of sex, race, age, religion, mental or physical handicap, or national origin in admissions.

SAVANNAH STATE UNIVERSITY
STATE COLLEGE BRANCH
SAVANNAH, GA 31404

NON-PROFIT
ORGANIZATION
U.S. POSTAGE
PAID
PERMIT NO. 1518
SAVANNAH, GA
31404

Savannah State University

Cost \$12,968
Quantity 10,000